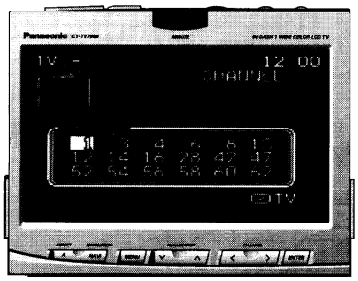
ORDER No.ACED001211C3

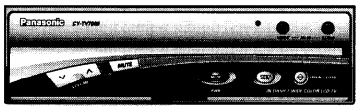
Service Manual

AUTOMOTIVE CONSUMER ELECTRONICS

CY-TV7000W

In-Dash 7.0 Wide Color LCD Monitor





SPECIFICATIONS

Specifications*

General	
Power Supply	**DC 12V (11V - 16V),** **Test Voltage 14.4V** **Negative Ground**
Current Consumption	**Less than 3A**
Audio Input Sensitivity	**0.5 Vrms (VTR)**
Pre-output Voltage	**0.5 Vrms**
Video input signal	**Composite video signal** **1.0 Vp-p (75 Ω)**
Video output signal	**Composite video signal** **1.0 Vp-p (75 Ω)**
Display Unit	
Liquid Crystal Panel	**7 inches wide**
Number of Pixels	**336,960 pixels** **(234 vertical×480 horizontal × 3)**
Valid Pixel Ratio	**over 99.99 %**
Display Method	**Transparent color filter format**
Drive Method	**TFT (Thin Film Transistor)** **active matrix format**
Liquid Source	**Intarnal light** **(built-in small fluorescent lamp)**
Speaker	**36 mm round speaker (one)**
Sound Output	**0.7 W**
Transmitter Unit	
Frequency Range	**89.5 MHz - 90.2 MHz**
Dimensions (W × H × D)**	**178 × 50 × 160 (mm)**
Weight**	**2.0 kg**
*** Specifications and the design are subject to possible modification without notice due to improvements.** **** Dimensions and Weight shown are approximate.** **● Above specifications comply with EIA standards. /**	

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

1. FEATURES

- 7-inch wide LCD color display
- Fully powered display positioning mechanism
- The speaker for the car navigation system
- Equipped with Auto Dimmer
- RGB Input Terminals
- Video Input Terminals
- Video Output Terminals

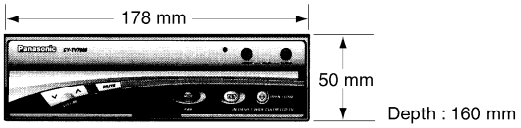
2. REPLACING THE FUSE

Use fuses of the same specified rating (3A). Using different substitutes or fuses with higher ratings, or connecting the unit directly without a fuse, could cause fire or damage to this unit.

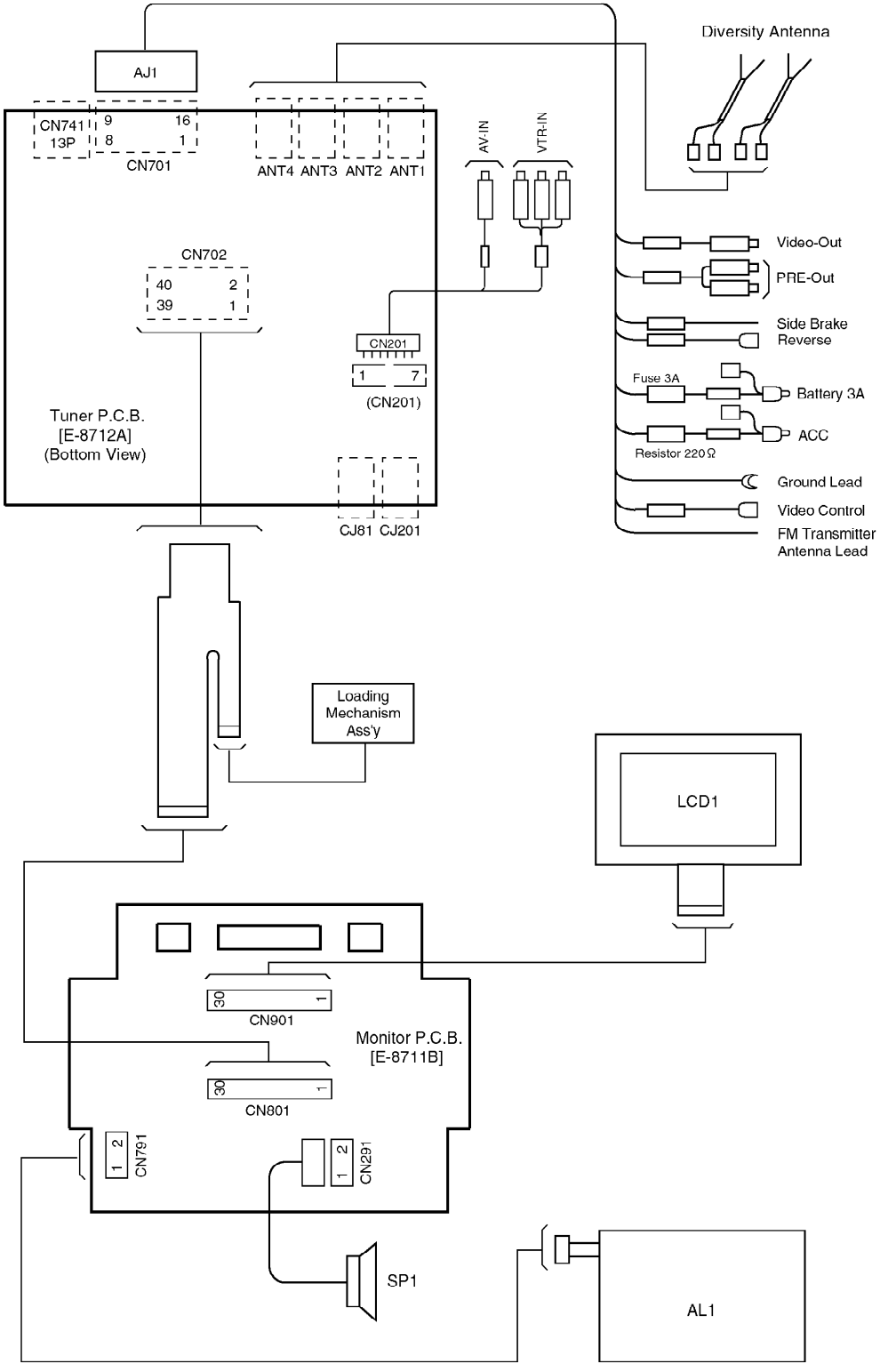
3. MAINTENANCE

Your products is designed and manufactured to ensure a minimum of maintenance. Use a soft cloth for routine exterior cleaning. Never use benzine, thinner or other solvent.

4. DIMENSIONS

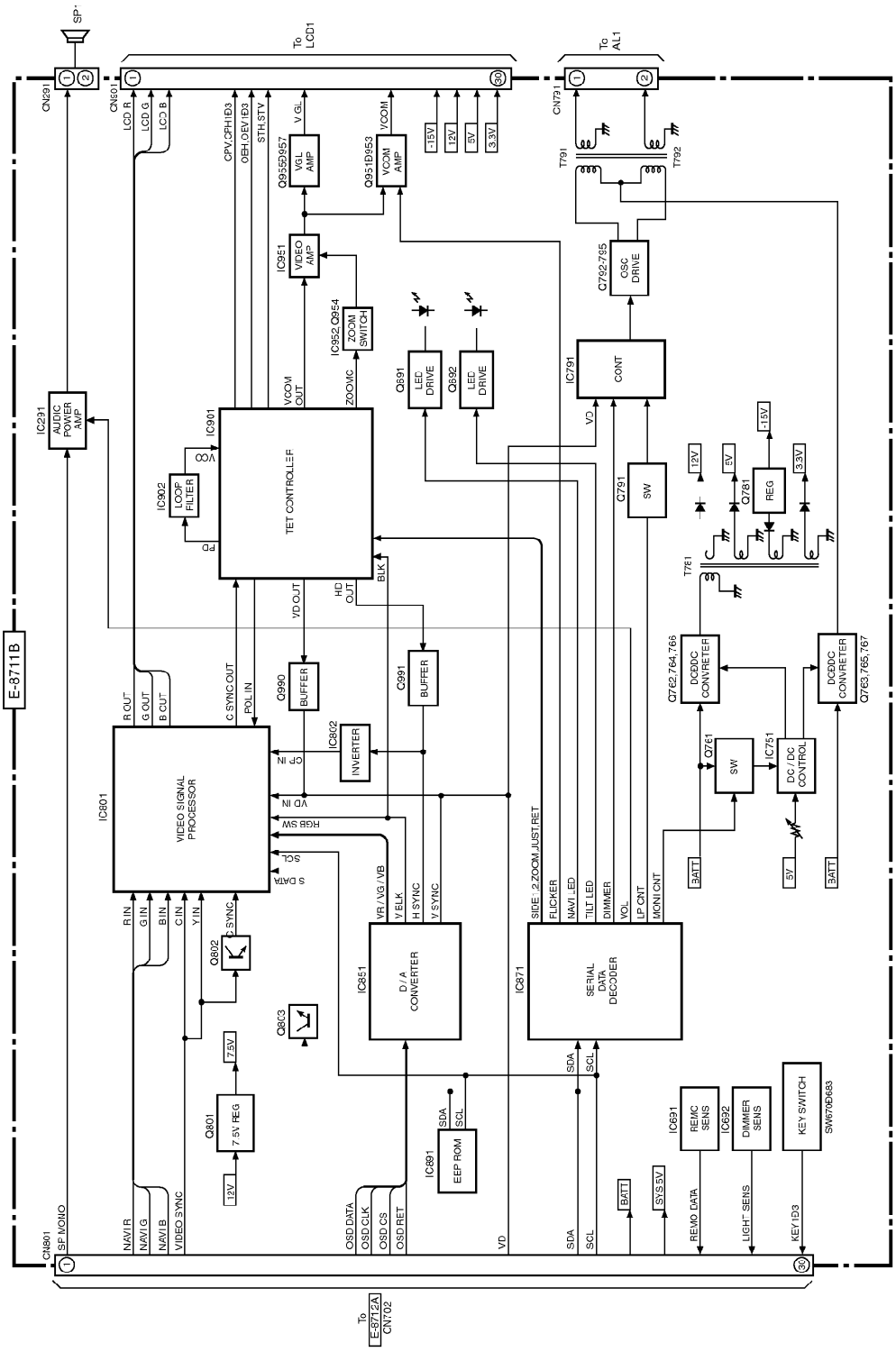


5. WIRING CONNECTION

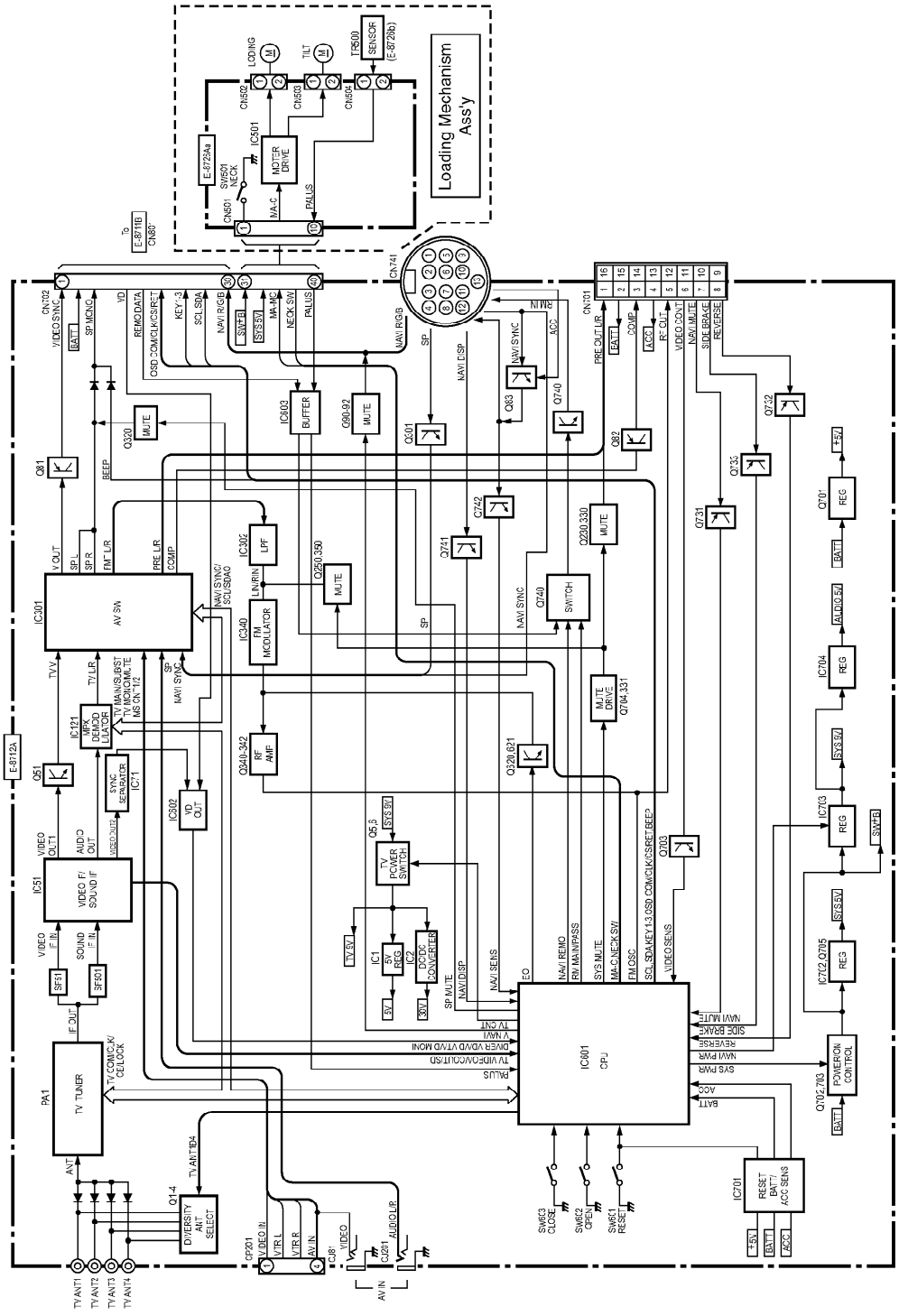


6. BLOCK DIAGRAM

6.1. Monitor Block

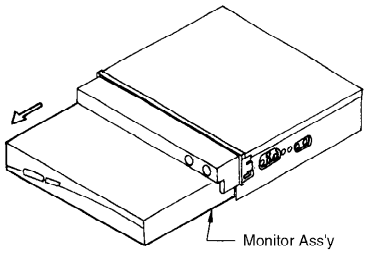


6.2. Tuner Block

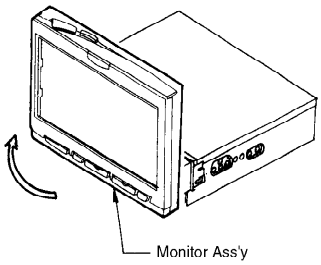


7. DISASSEMBLY INSTRUCTIONS

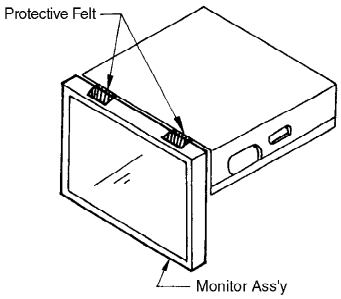
1. Pull out the Monitor Ass'y as arrow until stop position.



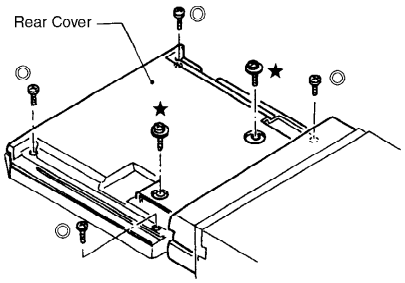
2. Rotate the Monitor Ass'y about 90° by hands.
(Treat carefully to do not damage.)



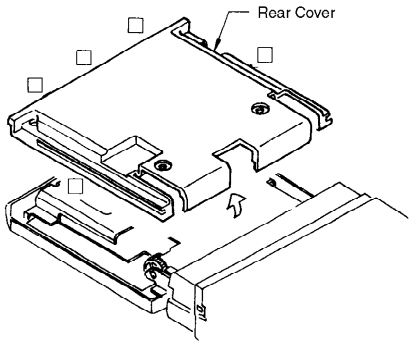
3. Remove the protective felts from the Rear Cover.
(Bottom of the Display Unit)



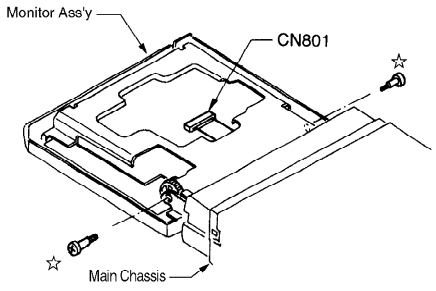
4. Remove 4 screws (◎), and remove 2 screws (★)
from the Rear Cover.



5. Unlock the 5 nails (□), and remove the Rear Cover.



6. Disconnect the Flexible Printed Circuit Board from CN801.
7. Remove 2 screws (☆) from the Main Gear Ass'y
8. Remove the Monitor Ass'y from the Main Chassis.



8. ADJUSTMENT PROCEDURES

Note : The following Adjustment Procedures are used Adjustment Remote Controller, with TEST switch.

● Adapt the Remote Controller to add the TEST Switch (Remote Controller : for CQ-VA707W and so on).

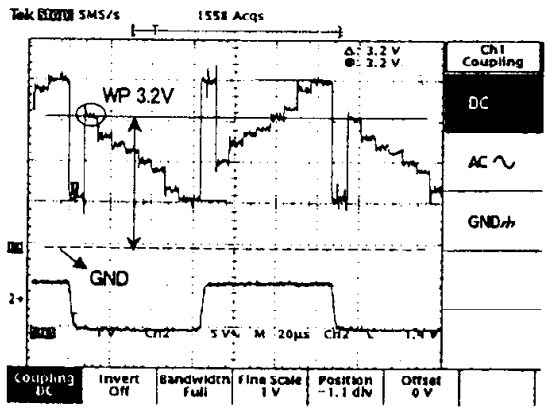
1. Remove the surface sheet.

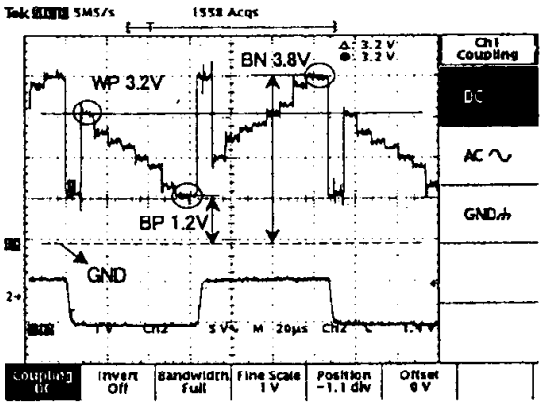
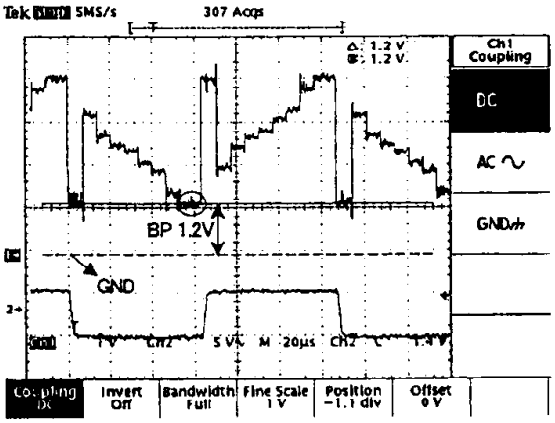
2. Remove 3 screws.

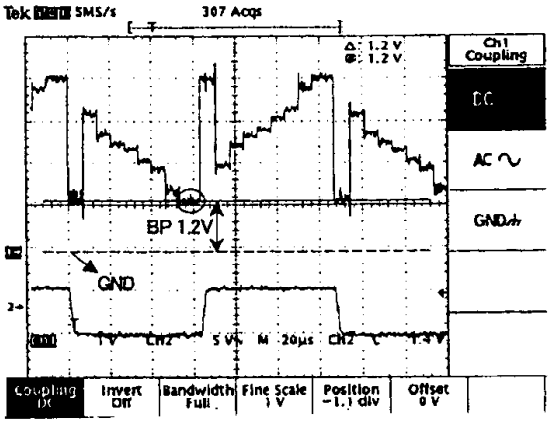
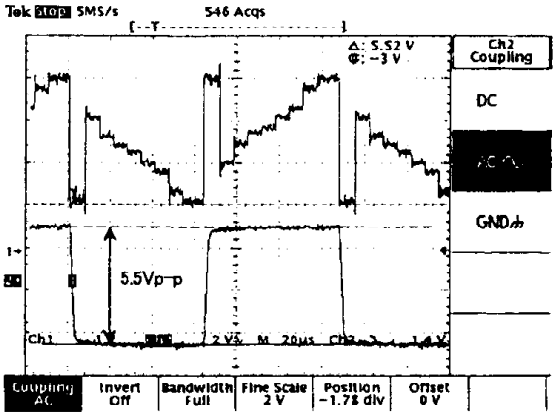
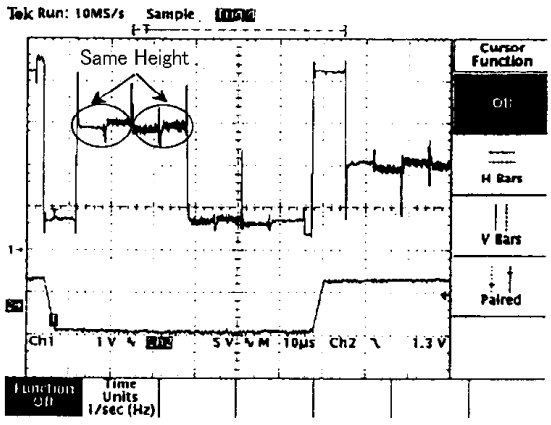
3. Remove Printed Circuit Board and adapt the TEST Switch as follows.

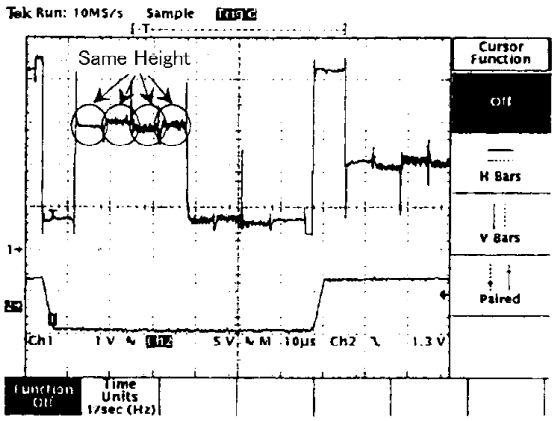
8.1. MONITOR BLOCK [E-8711B]

Adjustment Item	No.	Adjustment Point	Test Point	Adjustment Method	Remar
DC/DC Voltage	1	VR761	TP751 / (+ 5.2V) TP984 (VGND)	Adjust VR761 to 5.2V+0.05V, -0V at TP751	Color Bar Sig Generator / Cl Signal:OFF / V Level:100% / U Mode
VCO	2	VR901	Super impose Display (OSDC Screen)	Press the Mode button of remote-controller or unit to set in AV mode. 1. Adjust VR901 so that the right and left of AV mode bar is equal on the super-impose display. 2. Set in VTR mode and readjust VR901 so that the right of AV mode bar and VTR mode bar is same position.	Color Bar Sig Generator / Cl Signal:OFF / V Leve:100% / U Mode / AV IN:

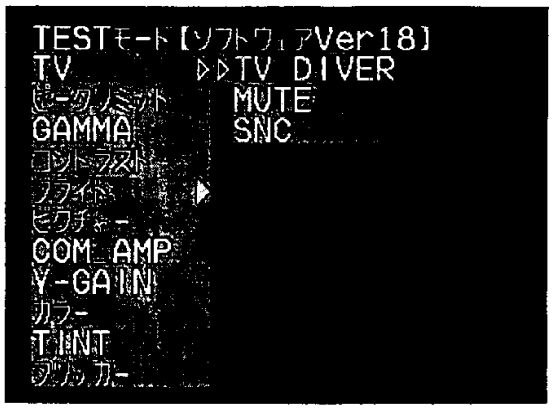
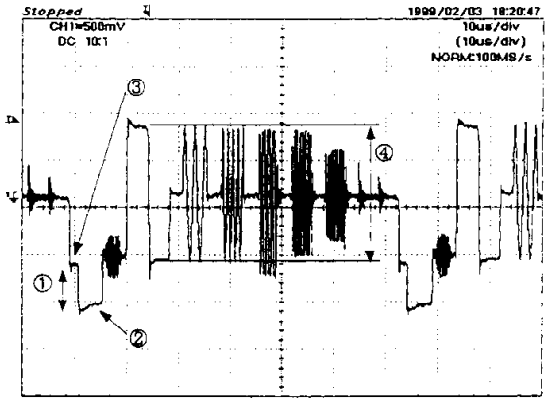
Adjustment Item	No.	Adjustment Point	Test Point	Adjustment Method	Remar
Test Mode	3	Remote Controller	Setting Menu	1. Press the TEST button of remote-controller over 2 sec to set in test mode. 2. Select a desired adjustment item by up or down button, and press ENTER button to decide, as shown in below. / (During the setting menu screen, the unit is changed to VTR mode.) 3. Apply the video signal into VTR IN Connector. 4. In case of remote-controller built-in FUNCTION button, press the button to switch adjustment item in order. 	
CONTRAST	4	Remote Controller	TP982 (G) TP952 (VGL) / TP984 (VGND)	Adjust WP(White Peak) level to 3.2V. 	Color Bar Sig Generator / Cl Signal:OFF / V Level:100% / A trigger at TP9 Notes: 1. Repeat steps 4 a the standard are sa 2. Waveform shoul adjusted in center

Adjustment Item	No.	Adjustment Point	Test Point	Adjustment Method	Remar
BRIGHT	5	Remote Controller	TP982 (G) / TP952 (VGL) / TP984 (VGND)	1. Adjust BP(Black Level Positive) level to 1.2V. 2. Confirm that BN(Black Level Negative) is within 3.8V +0.1, -0.1V. 3. And, confirm that WP is 3.2V. 	Color Baar Si Generator / Cl Signal:OFF / V Leve: 100% / A trigger at TP9 Ntes: 1. Repeat steps 4 a the standards are s 2. Waveform shoul adjusted in center
SUB BRIGHT R	6	Remote Controller	TP982 (G) / TP983 (R) / TP952 (VGL) / TP984 (VGND)	Adjust the remote-controller so that BP of each color is same. 	Color Bar Sig Generator / Cl Signal:OFF / V Level:100% / A trigger at TP9 Notes: 1. Use connection test points. 2. Waveform shoul adjusted in center

Adjustment Item	No.	Adjustment Point	Test Point	Adjustment Method	Remar
SUB BRIGHT B	7	Remote Controller	TP982 (G) / TP981 (B) / TP952 (VGL) / TP984 (VGND)	Adjust the remote-controller so that BP of each color is same. 	Color Bar Sig Generator / Cl Signal:OFF / V Level:100% / A trigger at TP9 Notes: 1. Use coonnectio select test points. 2. Waveform shoul adjusted in center
COM AMP	8	Remote Controller	TP952 (VGL) / TP984 (VGND)	Adjust the remote-contoroller so that amplitude of two waveforms is same. 	Color Bar Sig Generator / Cl Signal:OFF / V Level:75% / A trigger at TP9 Notes: 1. Waveform shoul adjusted in center
COLOR	9	Remote Controler	TP982 (G) / TP952 (VGL) / TP984 (VGND)	Adjust the remote-controller so that amplitude of two waveforms is same. 	Color Baar Si Generator / Cl Signal:ON / W Level:75% / A trigger at TP9 Notes: 1. Repeat steps 9 a the standards are 2. Waveform shoul adjusted in center

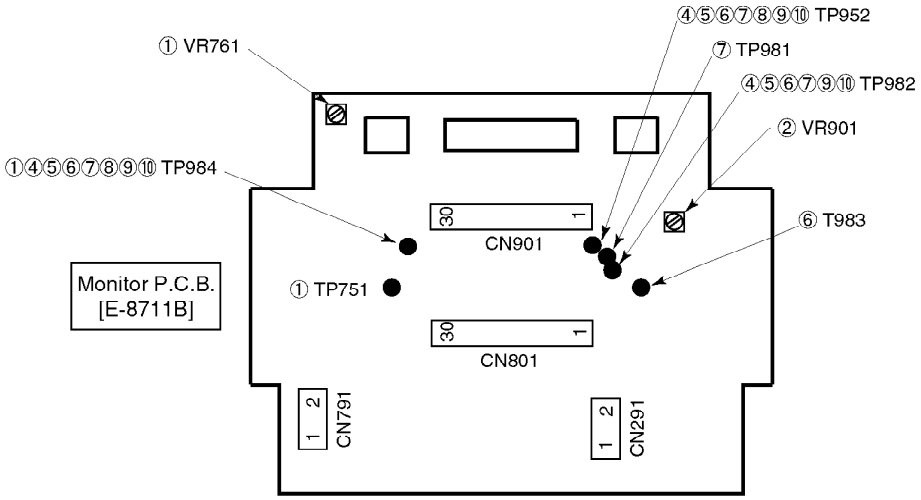
Adjustment Item	No.	Adjustment Point	Test Point	Adjustment Method	Remar
TINT	10	Remote Controller	TP982 (G) / TP952 (VGL) / TP984 (VGND)	Adjust the remote-controller so that amplitude of four waveforms is same. / If the TINT adjustment is no satisfied, readjust step 9. / After second readjustment, near flat waveforms. 	Color Bar Sig Generator / Cl Signal:ON / W Level:75% / A trigger at TP9 Notes: 1. Repeat steps 9 a the standards are 2. Waveform shoul adjusted in center
Color Bar Confirmation	11			Confirm that the color bar is displayed correctly.	Color Bar Sig Generator / Cl Signal:ON / W Level:75%
Flicker	12	Remote Controller		Select the Flicker Adjustment, the unit is set in zoom screen automatically. / Adjust the remote-controller so that 3 bright bars are not flicking.	Color Bar Sig Generator / Cl Signal:ON / W Level:75% Note: 1. Observe the mo in front view

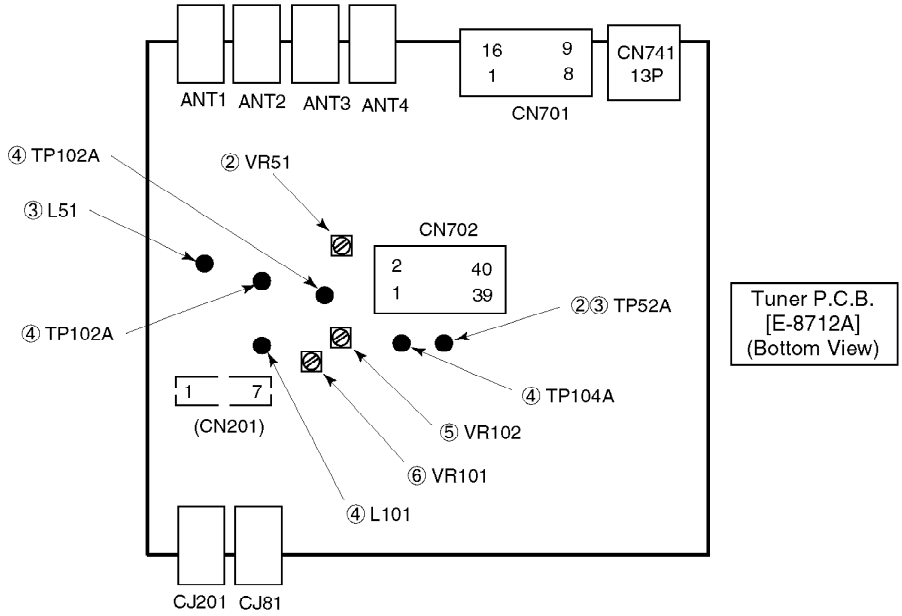
8.2. TUNER BLOCK [E-8712A]

Adjustment Item	No.	Adjustment Point	Test Point	Adjustment Method	Remar
Prepara tion	1	IN/Out Sttings	ANT1 Fixed	**Befor adjustment, perform the following procedures.** 1. Press the TEST button of remote-controller over 2 sec to set in test mode. 2. Select a desired adjustment item by up or down button, and press ENTER button to decide, as shown in below. 3. Select TV DIVER on TV menu screen, set in ANT1-Fixed position. 4. Select MUTE on TV menu screen, set in OFF position. 5. Insert the TV antenna into ANT1. 	
AGC	2	VR51	TP52A (B)	1. Adjust VR51 so that the MULTI-BURST signal level(1) is maximum output. 2. Adjust for minimum noise level of part (2). 	TV Signal Ger 2CH / Input: 6 / PG: Multi-Bu Tuner Unit: 2(
VIF	3	L51	TP52A (B)	1. Adjust L51 so that the part (4) of MULTI-BURST signal is constant amplitude. 2. Adjust for minimum noise level of part (3) in horizontal.	TV Signal Ger 2CH / TV Sign Generator: 2C 65dB/ μ V / P Burst / Tuner

Adjustment Item	No.	Adjustment Point	Test Point	Adjustment Method	Remar
SIF	4	L101	TP101A (B) / TP102A (B)	Adjust L101 to obtain for 0V+0.1,-0.1V between TP101A(B) and TP102A (B).	FM Signal Ge 59.75MHz / In μ V / Modula 7.5kHz / Tune 2CH
VCONT	5	VR102	TP104A (B)	Adjust VR102 to obtain for 3.2V+0.1V, -0V at TP104A (B).	FM Signal Ge 59.75MHz / In / μ V / Modul 7.5kHz / Tune 2CH
C/N	6	VR101	PRE OUT	1. The PRE OUT level is defined 0 dB at standard input (65dB/ μ V). 2. The output level of signal generator at -10dB (55dB/ μ V). 3. Adjust VR101 so that PRE OUT level becomes between both input levels is -20dB+2dB,-2dB.	Signal Genera 59.75MHz / In μ V / Modula 7.5kHz / Tune 2CH

8.3. Adjustment Points





9. TERMINALS DESCRIPTION

9.1. Monitor Block

IC801 : AN2526FH

PinNo.	Name	Description	I/O	Volt (V)
1	VCC1 (5V)	+5V power supply	-	5
2	VREF	Reference voltage	-	2
3	R CLAMP	Rch clamp detection	-	2.6
4	G CLAMP	Gch clamp detection	-	2.6
5	B CLAMP	Bch clamp detection	-	2.6
6	DEC.R OUT(NC)	-	-	-
7	DEC.G OUT(NC)	-	-	-
8	DEC.B OUT (NC)	-	-	-
9	ANALOG R IN	Rch analog signal input	I	0
10	ANALOG G IN	Gch analog signal input	I	0
11	ANALOG B IN	Bch analog signal input	I	0
12	OSD.R IN	Rch OSD input	I	1.7
13	OSD.G IN	Gch OSD input	I	0
14	OSD.B IN	Bch OSD input	I	1.6
15	BLACK	Side black control pulse input	I	0
16	YS(NC)	-	-	-
17	B OUT	Bch output	O	2.4
18	B DET	Bch DC feed-back detection	-	2.4
19	G OUT	Gch output	O	0
20	VCC(7.5V)	+7.5V power supply	-	7.9
21	DRV REF	Drive output reference voltage control signal	I	2.4
22	GND2	(Connecting to ground)	-	0
23	G DET	Gch DC feed-back detection	-	2.4
24	R OUT	Rch output	O	2.4
25	R DET	Rch DC feed-back detection	-	2.4
26	VCOM OUT	Common reverse signal output	O	4.3
27	T MODE	Search pulse input	-	0
28	T CLK	Clock signal input for test	-	0
29	FILED(NC)	-	-	-
30	C.SYNC OUT	Composite sync.signal output	O	0

PinNo.	Name	Description	I/O	Volt (V)
31	/VD OUT(NC)	-	-	-
32	/HD OUT(NC)	-	-	-
33	PWM(NC)	-	-	-
34	/RESET	Power-on reset signal	I	2.9
35	/VD IN	Vertical sync.signal input	I	0.6
36	POL IN	1H reverse pulse input	I	1.8
37	VSS	(Connecting to ground)	-	0
38	CP IN	Horizontal sync. signal input	-	0
39	DAC MON(NC)	-	-	-
40	VDD(3V)	+3V power supply	-	2.9
41	GND3	(Connecting to ground)	-	0
42	RGB SW	Analog OSD selector control pulse input	I	2.5
43	AFC FILTER	AFC loop filter connection	-	2.4
44	VCO CONT	VCO free run frequency control	I	1.8
45	C.SYNC	Composite sync. signal input	I	2
46	SUB SW	Serial control mode selector	I	5
47	SCLK	Serial data shift clock input	I	4.6
48	SDATA	Serial data input	I	4.6
49	LD	Serial data write-in pulse input	I	0
50	ACC DET	ACC detection	I	3.4
51	C IN	ACC input	I	2.9
52	HD DET	Horizontal clock detection	-	0
53	KILL DET	Color filter connection	-	0
54	APC DET	APC loop filter connection	-	0
55	VXO IN	VXO input	I	2.8
56	VXO OUT	VXO output	O	2.8
57	CLAMP DET	Y-clamp detection	-	2.1
58	TRQP(NC)	-	-	-
59	GND1	(Connecting to ground)	-	0
60	Y IN	Luminance signal input	I	0
61	R-Y OUT(NC)	-	-	-

PinNo.	Name	Description	I/O	Volt (V)
62	B-Y OUT(NC)	-	-	-
63	R-Y(NC)	-	-	-
64	B-Y(NC)	-	-	-

9.2. Tuner Block

IC601 : C2BBGF000203

Pin No.	Name	Description	I/O	Volt(V)
1	KEY1	A/D key 1 signal input	I	5.2
2	KEY2	A/D key 2 signal input	I	5.2
3	KEY3	A/D key 3 signal input	I	5.2
4	LIGHT SENS	Light detecting signal input	I	0.3
5	TV VIDEO	TV video signal inpput	I	2.2
6	TV VCONT	TV signal strength detection	I	1.2
7	TV SD	TV station detecting signal	I	0
8	OSDC COM	OSDC data signal output	O	4.5
9	OSDC CLK	OSDC clock signal output	O	5
10	OSDC CS	OSDC chip select signal output	O	4.1
11	OSDC RET	OSDC reset signal output	O	5.2
12	I2C SDA0	I2C bus data signal input/ output for AV switch	I/O	5.2
13	I2C SDA1	I2C bus data signal input/ output for monitor	I/O	5
14	I2C SCL	I2C bus clock signal output	O	5
15	MS CNT1	TV sound multiple signal control 1	O	0
16	MS CNT2	TV sound multiple signal control 2	O	0
17	TV MONO	TV sound monaural control	O	0
18	TV MUTE	TV sound mute control	O	0
19	TV CNT	TV power control signal output	O	5.2
20	SYS PWR	System Power control signal output	O	5
21	GND PORT	(Connecting to ground)	-	0

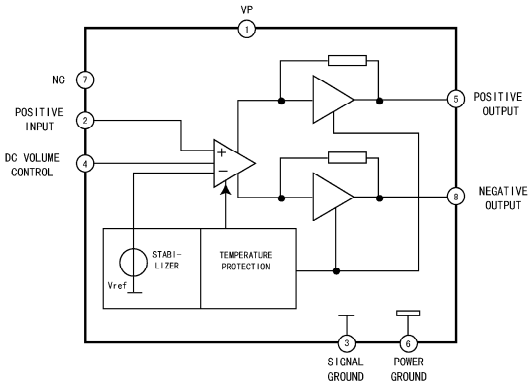
Pin No.	Name	Description	I/O	Volt(V)
22	VDDPORT	+5V power supply (for I/O port)	-	5.2
23	MAIN PWR	Main power control signal output	O	5.2
24	SYS MUTE	System mute signal output	O	0
25	SP MUTE	Speaker mute signal output	O	5
26	TRANS CNT	FM transmit control signal output	O	5.2
27	V NAVI	NAVI screen selector signal output	O	0
28	AMIFC	(Connecting to ground)	-	0
29	FMIFC	(Connecting to ground)	-	0
30	VDDPLL	+5V power supply (for PLL)	-	5.2
31	FMOSC	FM local OSC fregnency input	I	2.2
32	AMOSC	(Connecting to ground)	-	0
33	GNDPLL	Ground (for PLL)	-	0
34	EO0	PLL phase detecter output 0	O	1.3
35	EO1	PLL phase detecter output 1	O	1.3
36	IC	(Connecting to ground)	-	0
37	NAV SENS	NAVI connection detecting signal	I	5.3
38	NAV MUTE	NAVI vice guide detecting signal input	I	0
39	NAV REMO	Navigationn remo-con data signal output	O	0
40	RM PASS	Remo-con data through signal selector output	O	5.2
41	RM MAIN	Nacigation remo-con data signal serctor output	O	0
42	MA	Motor control signal A output	O	0
43	MB	Motor control signal B output	O	0
44	MC	Motor control signal C output	O	0
45	TV ST	TV voice stereo signal input	I	5
46	TV SUB	TV sub signal using two audio frequencies input	I	5
47	TV MAIN	TV main signal using two audio frequencies input	I	5
48	NC	-	O	0
49	TV ANT1	TV Antenna 1 change the signal output	O	0
50	TV ANT2	TV Antenna 2 change the signal output	O	5
51	TV ANT3	TV Antenna 3 change the signal output	O	0

Pin No.	Name	Description	I/O	Volt(V)
52	TV ANT4	TV Antenna 4 change the signal output	O	0
53	TV LOCK	TV PLL lock detect	I	0
54	TV COM	TV PLL data output	O	0
55	TV CLK	TV PLL clock signal output	O	0
56	TV CE	TV PLL enable signal output	O	0
57	VD TV	Vertical Sync selection signal (TV)	O	5.2
58	VD MONI	Vertical Sync selection signal (Monitor)	O	0
59	BEEP	Beep signal output	O	0
60	NC	(Connecting to ground)	-	0
61	NC	(Connecting to ground)	-	0
62	OPEN SW	Open position detecting signal input	I	5.3
63	CLOSE SW	Close position detecting signal input	I	5.3
64	NECK SW	Monitor position detecting signal	I	5.3
65	VIDEO SENS	NAVI/DVD screen selector signal input	I	5.3
66	SIDE BRAKE	Side Brake detection	I	0
67	DIVER VD	Vertical sync signal input (for Diversity)	I	5.3
68	REMO IN	Remo-con data input	I	5.3
69	NAV DISP	NAVI screen interrupt reguest signal input	I	5.3
70	BATT	Baack-up power supply detecting signal input	I	5
71	ACC	Accessory power supply detecting signal input	I	5
72	REVERSE	Reverse signal input	I	5.3
73	PALUS	Monitor start-up position detecting pulse input	I	0
74	REGCPU	(Connecting to ground through 0.1MF Capacitor)	-	3.6
75	VSS	Ground	-	0
76	X2	Main system clock (4.19MHz)	-	1.5
77	X1	Main system clock (4.19MHz)	I	1.5
78	REGOSC	(Connecting to ground through 0.1MF Capacitor)	-	3.6
79	VDD	+5V power supply	-	5.2
80	RESET	System reset signal input	I	0

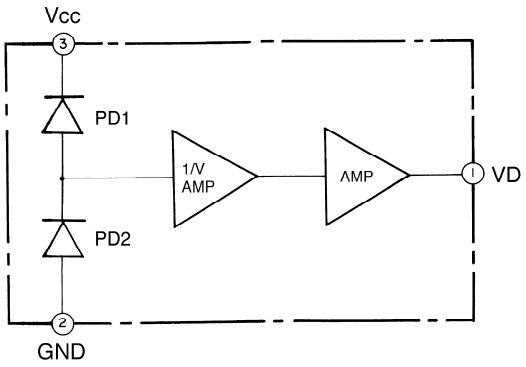
10. PACKAGE AND IC BLOCK DIAGRAM

10.1. Monitor Block

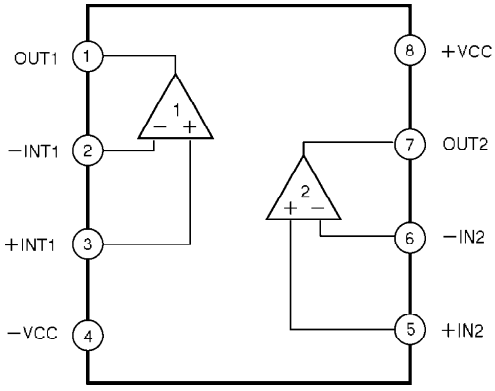
IC291 : YEAMTD7052A



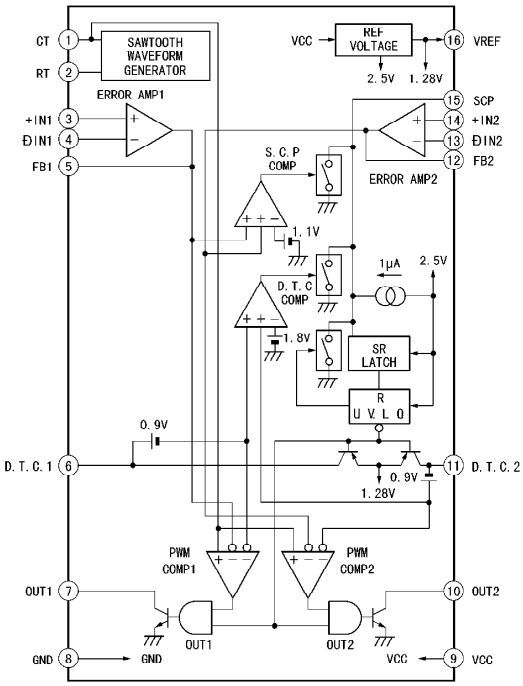
IC691 : PNA4602M02MC / IC692 : PNA4603H



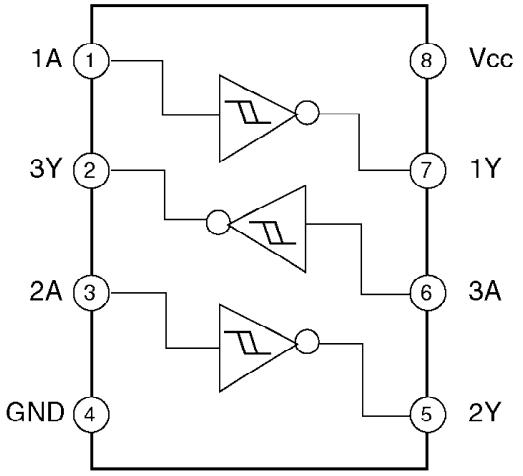
IC791 : C0BBBA000030



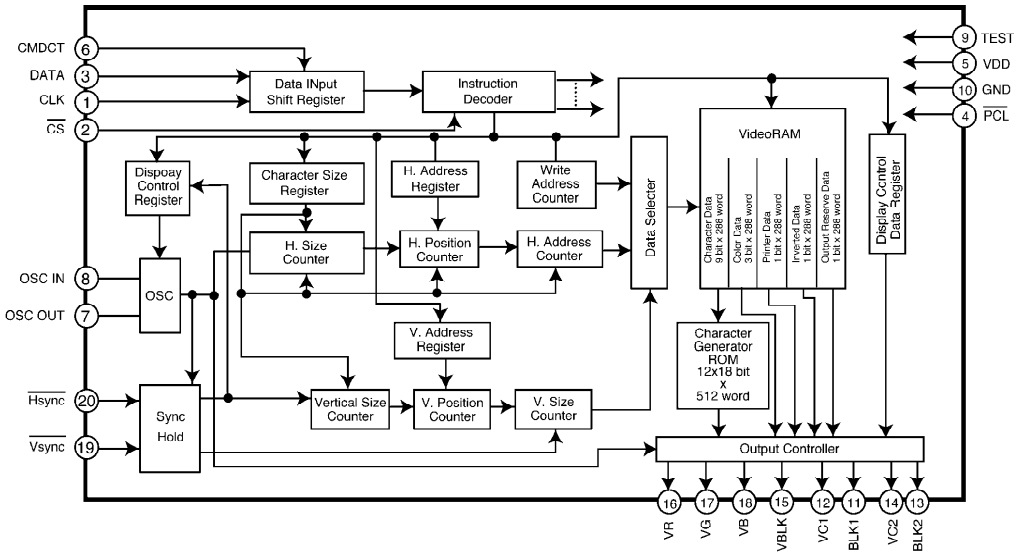
IC751 : YEAMMB3775FP



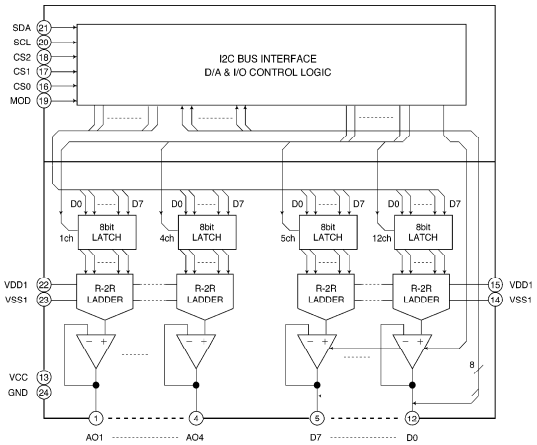
IC802 : YEAMTC7W14UL



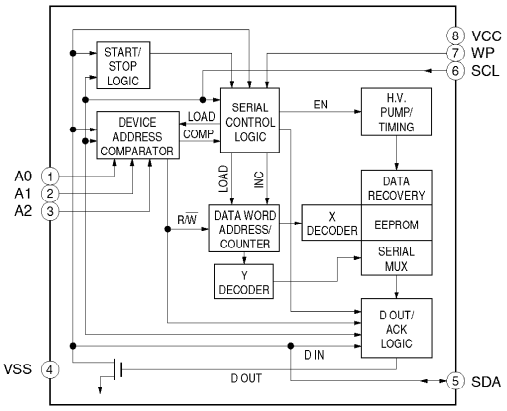
IC851 : YEAM6466512



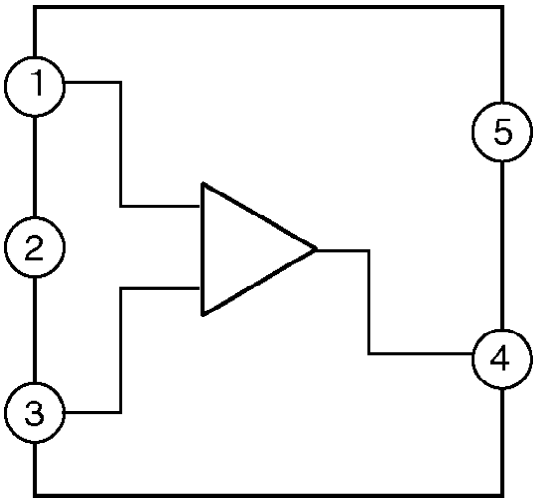
IC871 : C0FBBD000038



IC891 : YEAMS24C01A

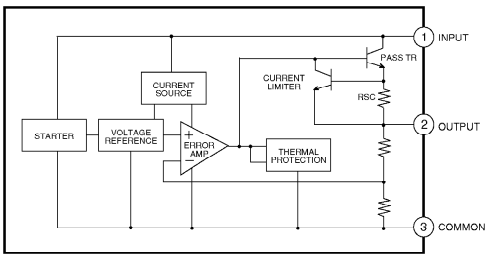


IC902 : YEAMM2107FT1

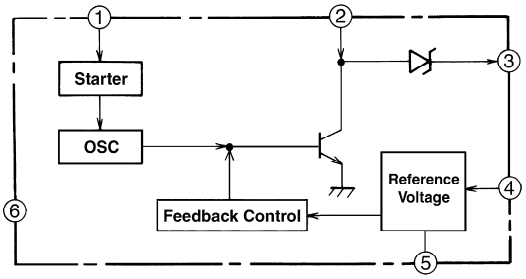


10.2. Tuner Block

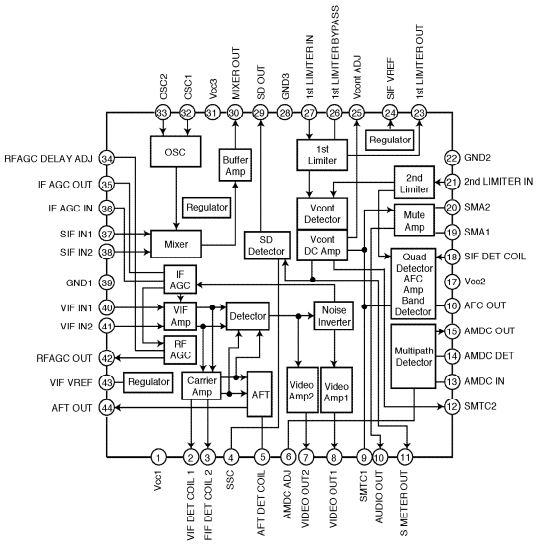
IC1 : YEAMC78L05E2



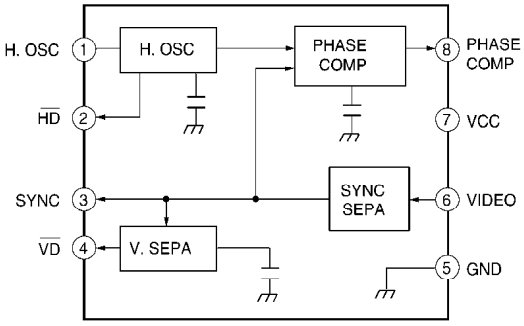
IC2 :YEAMTK11819M



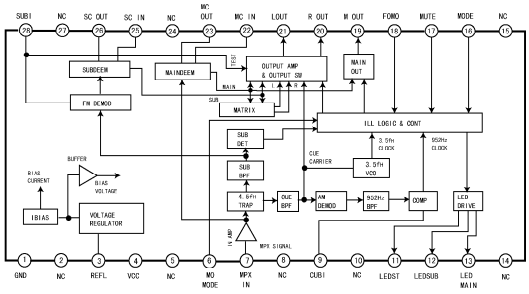
IC51 : AN5186FB



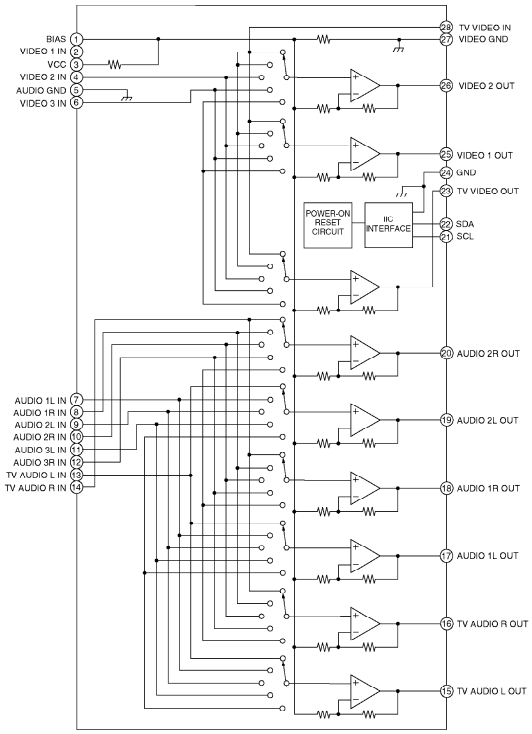
IC71 : C1AB00000079



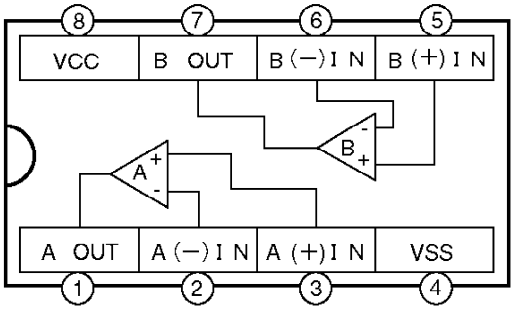
IC121 : YEAMCXA2020M



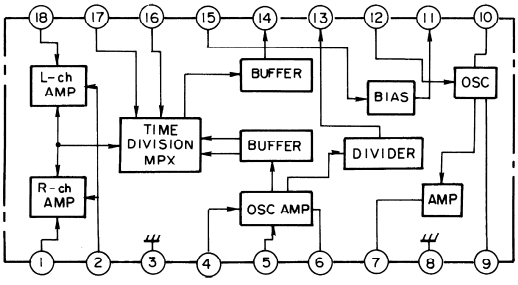
IC301 : C0ZBZ0000005



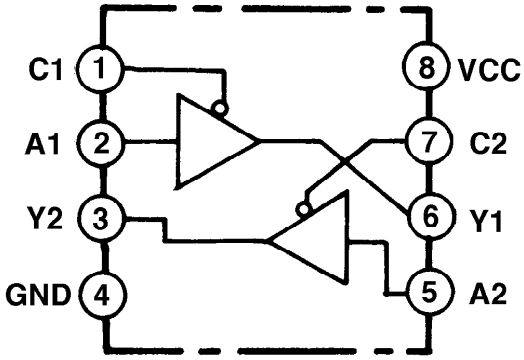
IC302 : YEAMPC4570T1



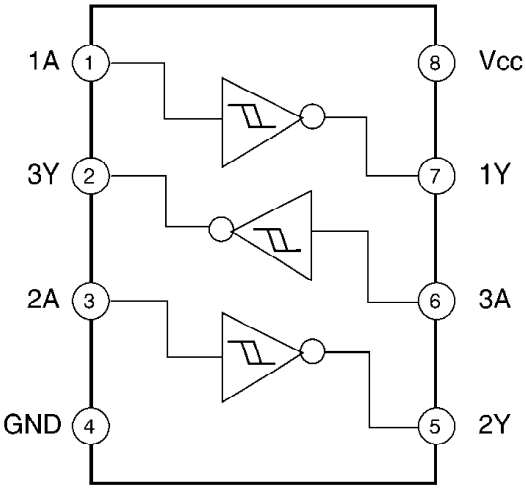
IC340 : YEAMBA1404F



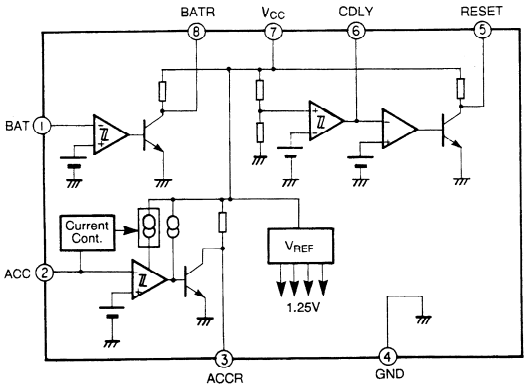
IC602, IC740 : YEAMT7W125UL



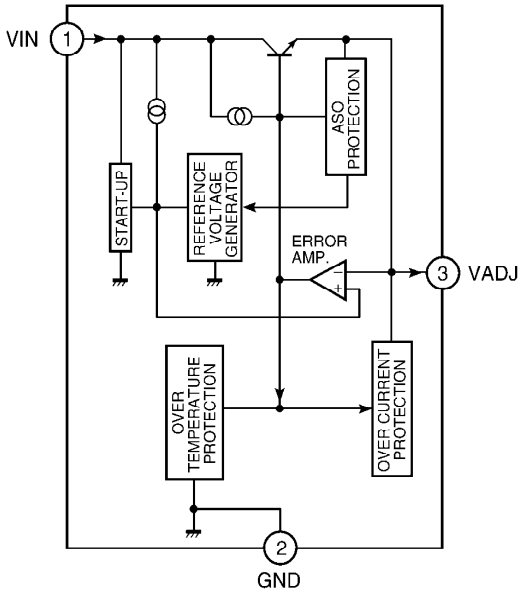
IC603 : YEAMTC7W14FL



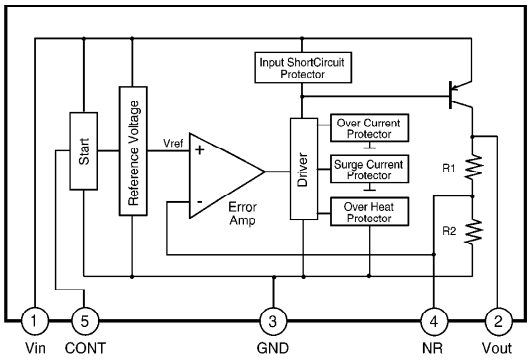
IC701 : AN8065SE1



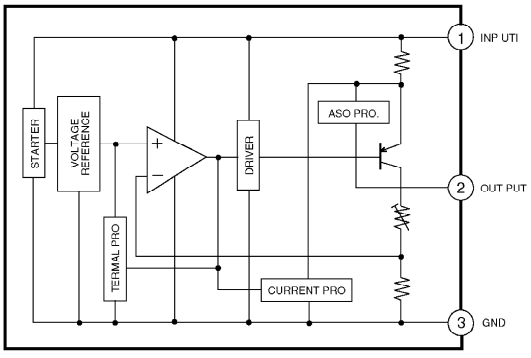
IC702 : YEAMM5237ML



IC703 : YEAMPQ1CZ1T



IC704 : YEAMPC2905E1



11. REPLACEMENT PARTS LIST

Notes:

1. Be sure to make your orders of replacement parts according to this list.

2. Important safety notice: Components, identified by ⚠ mark have special characteristics important for safety. / When replacing any

of these components, use only manufacturer's specified parts.

3. **Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a load map.**
4. **The marking (RTL) indicates that Retention Time is limited for this item.After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.**

Ref. No.	Part No.	Part Name & Description	Remarks
IC's AND TRANSISTORS			
[E-8711B] MONITOR BLOCK			
IC291	YEAMTD7052A	IC	
IC691	PNA4602M02MC	IC	
IC692	PNA4603H	IC	
IC751	YEAMMB3775FP	IC	
IC791	C0BBBA000030	IC	
IC801	AN2526FH	IC	
IC802	YEAMTC7W14UL	IC	
IC851	YEAM6466512	IC	
IC871	C0FBBD000038	IC	
IC891	YEAMS24C01A	IC	
IC901	C0HBA0000042	IC	
IC902	YEAMM2107FT1	IC	
IC951	YEAM75W558FU	IC	
IC952	YEAMTC7S66F	IC	
Q691	YEANC114YUTX	Transistor	
Q692	YEANC114YUTX	Transistor	
Q761	YEANFMC5KTX	Transistor	
Q762	2SB709TX	Transistor	
Q763	2SB709TX	Transistor	
Q764	2SD0601AHR	Transistor	
Q765	2SD0601AHR	Transistor	
Q766	YEANA1647ZKT	Transistor	
Q767	YEANA1647ZKT	Transistor	
Q781	2SD0601AHR	Transistor	
Q791	YEANFMC5KTX	Transistor	
Q792	YEANC114YUTX	Transistor	
Q793	2SB709TX	Transistor	
Q794	YEANC3518ZT1	Transistor	
Q795	YEANC3518ZT1	Transistor	
Q801	YEANIMZ1TX	Transistor	
Q802	2SD0601AHR	Transistor	
Q803	2SD0601AHR	Transistor	
Q951	YEANIMZ1TX	Transistor	

Ref. No.	Part No.	Part Name & Description	Remarks
Q952	2SD0601AHR	Transistor	
Q953	2SB709TX	Transistor	
Q954	2SD0601AHR	Transistor	
Q955	YEANIMZ1TX	Transistor	
Q956	2SD0601AHR	Transistor	
Q957	2SB709TX	Transistor	
Q990	2SD0601AHR	Transistor	
Q991	2SD0601AHR	Transistor	
DIODES			
D671	YEADPG1101F	Diode	
D672	YEADPG1101F	Diode	
D673	YEADPG1101F	Diode	
D674	YEADPG1101F	Diode	
D675	LNJ906W5BUW	Diode	
D676	YEADPG1101F	Diode	
D677	LNJ306G5TUWQ	Diode	
D678	LNJ306G5TUWQ	Diode	
D679	LNJ306G5TUWQ	Diode	
D680	LNJ306G5TUWQ	Diode	
D681	LNJ306G5TUWQ	Diode	
D682	LNJ306G5TUWQ	Diode	
D683	LNJ306G5TUWQ	Diode	
D684	LNJ306G5TUWQ	Diode	
D685	YEADAN202KTX	Diode	
D692	MA8056LMHTX	Diode	
D693	MA8056LMHTX	Diode	
D694	MA8056LMHTX	Diode	
D761	YEADAN202KTX	Diode	
D762	YEADAN202KTX	Diode	
D763	YEADNSQ03A02	Diode	
D771	YEADSS14VZ	Diode	
D772	YEADSS14VZ	Diode	
D773	YEADSS14VZ	Diode	
D774	YEADSS14VZ	Diode	
D790	MA2J72900L	Diode	
D801	MA2J72900L	Diode	
D802	YEADAN202UTX	Diode	
D803	MA2J72900L	Diode	
D901	MA2X33800L	Diode	
D902	MA2J72900L	Diode	
D981	MA3J741D0L	Diode	
CAPACITORS			
C291	YECUS1A105KX	Ceramic, 1MFD 10WV	
C292	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C293	YECUS1A105KX	Ceramic, 1MFD 10WV	
C294	ECEV1AA101SP	Electrolytic, 100MFD 10WV	
C295	YECUZ1H220JC	Ceramic, 22pF 50WV	
C296	F1H1H101A231	Ceramic, 100pF 50WV	
C395	YECUZ1H220JC	Ceramic, 22pF 50WV	
C691	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C692	F1H1H101A231	Ceramic, 100pF 50WV	
C693	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C694	YECUS1A105KX	Ceramic, 1MFD 10WV	
C695	YECUZ1H103KX	Ceramic, 0.01MFD 50WV	
C696	YECUZ1H103KX	Ceramic, 0.01MFD 50WV	
C697	YECUZ1H103KX	Ceramic, 0.01MFD 50WV	
C749	EEVFC1C101P	Electrolytic, 100MFD 16WV	
C750	EEVFC1C101P	Electrolytic, 100MFD 16WV	
C751	EEVFC1C101P	Electrolytic, 100MFD 16WV	
C752	EEVFC1C101P	Electrolytic, 100MFD 16WV	
C753	F1H1H681A201	Ceramic, 680pF 50WV	
C754	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C755	YECUZ1H103KX	Ceramic, 0.01MFD 50WV	
C756	YECUV1C105KX	Ceramic, 1MFD 16WV	
C757	ECEV1CA100R	Electrolytic, 10MFD 16WV	
C758	YECUV1C105KX	Ceramic, 1MFD 16WV	
C759	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C760	YECUV1A225KX	Ceramic, 2.2MFD 10WV	
C761	YECUZ1H103KX	Ceramic, 0.01MFD 50WV	
C762	EEVFC1C101P	Electrolytic, 100MFD 16WV	
C763	YECUU1C475KX	Tantalum, 4.7MFD 16WV	
C764	EEVFC1C101P	Electrolytic, 100MFD 16WV	
C765	YECUU1C475KX	Tantalum, 4.7MFD 16WV	
C766	YECUU1C475KX	Tantalum, 4.7MFD 16WV	
C767	YECUU1C475KX	Tantalum, 4.7MFD 16WV	
C768	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C769	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C770	YECUS1H222KX	Ceramic, 0.0022MFD 50WV	
C771	YECUU1C475KX	Tantalum, 4.7MFD 16WV	
C772	ECEV1AA221P	Electrolytic, 220MFD 10WV	
C774	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C775	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C776	EEVFC0J101P	Electrolytic, 100MFD 6.3WV	
C777	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C778	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C779	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C780	EEVFC0J470R	Electrolytic, 47MFD 6.3WV	
C781	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C782	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C783	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C784	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C785	EEVFC0J101P	Electrolytic, 100MFD 6.3WV	
C786	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C787	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C788	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C789	EEVFC0J470R	Electrolytic, 47MFD 6.3WV	
C790	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C791	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C792	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C793	YECUZ1C333KX	Ceramic, 0.033MFD 16WV	
C794	YECUZ1H103KX	Ceramic, 0.01MFD 50WV	
C795	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C796	ECHU1H104JB9	Ceramic, 0.1MFD 50WV	
C798	ECCT3F180KG	Ceramic, 18pF 3.16kWV	

Ref. No.	Part No.	Part Name & Description	Remarks
C799	ECCT3F180KG	Ceramic, 18pF 3.16kWV	
C801	EEVFC0J101P	Electrolytic, 100MFD 6.3WV	
C802	EEVFC0J470R	Electrolytic, 47MFD 6.3WV	
C803	YECUS1A105KX	Ceramic, 1MFD 10WV	
C804	YECUS1A105KX	Ceramic, 1MFD 10WV	
C805	YECUS1A105KX	Ceramic, 1MFD 10WV	
C806	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C807	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C808	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C809	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C810	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C811	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C812	ECEV1AA101SP	Electrolytic, 100MFD 10WV	
C813	YECUV1C225KX	Ceramic, 2.2MFD 16WV	
C814	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C815	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C816	YECUV1C225KX	Ceramic, 2.2MFD 16WV	
C817	YECUV1C225KX	Ceramic, 2.2MFD 16WV	
C818	YECUZ1H471KX	Ceramic, 470pF 50WV	
C819	YECUZ1H221JC	Ceramic, 220pF 50WV	
C821	EEVFC0J101P	Electrolytic, 100MFD 6.3WV	
C822	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C823	ECEV0JA220SR	Electrolytic, 22MFD 6.3WV	
C824	YECUV1C474KX	Ceramic, 0.47MFD 16WV	
C825	YECUZ1E223KX	Ceramic, 0.022MFD 25WV	
C826	F1H1H101A231	Ceramic, 100pF 50WV	
C827	F1H1H101A231	Ceramic, 100pF 50WV	
C828	F1H1H681A201	Ceramic, 680pF 50WV	
C829	ECEV1CA100R	Electrolytic, 10MFD 16WV	
C830	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C831	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C832	YECUZ1E223KX	Ceramic, 0.022MFD 25WV	
C833	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C834	YECUS1A105KX	Ceramic, 1MFD 10WV	
C835	YECUZ1E223KX	Ceramic, 0.022MFD 25WV	
C836	F1H1H120A231	Ceramic, 12pF 50WV	
C837	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C839	ECEV1CA220SR	Electrolytic, 22MFD 16WV	
C840	YECUZ1H471KX	Ceramic, 470pF 50WV	
C841	F1H1H820A231	Ceramic, 82pF 50WV	
C842	YECUS1A105KX	Ceramic, 1MFD 10WV	
C845	F1H1H120A231	Ceramic, 12pF 50WV	
C851	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C852	YECUZ1H270JC	Ceramic, 27pF 50WV	
C853	F1H1H180A231	Ceramic, 18pF 50WV	
C854	F1H1H180A231	Ceramic, 18pF 50WV	
C855	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C856	EEVFC0J470R	Electrolytic, 47MFD 6.3WV	
C871	ECEV0JA220SR	Electrolytic, 22MFD 6.3WV	
C872	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C873	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C891	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C901	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C902	EEVFC0J470R	Electrolytic, 47MFD 6.3WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C903	F1H1H470A231	Ceramic, 47pF 50WV	
C904	F1H1H470A231	Ceramic, 47pF 50WV	
C905	F1H1H470A231	Ceramic, 47pF 50WV	
C906	F1H1H681A201	Ceramic, 680pF 50WV	
C908	YECUZ1H330JC	Ceramic, 33pF 50WV	
C909	YECUZ1H220JC	Ceramic, 22pF 50WV	
C910	YECUZ1H220JC	Ceramic, 22pF 50WV	
C911	YECUZ1H220JC	Ceramic, 22pF 50WV	
C912	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C913	YECUZ1H561KX	Ceramic, 560pF 50WV	
C914	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C915	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C916	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C917	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C918	YECUZ1H102KX	Ceramic, 0.001MFD 50WV	
C919	F1H1H470A231	Ceramic, 47pF 50WV	
C920	EEVFC0J470R	Electrolytic, 47MFD 6.3WV	
C921	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C922	F1H1H152A201	Ceramic, 0.0015MFD 50WV	
C923	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C924	F1H1H101A231	Ceramic, 100pF 50WV	
C926	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C927	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C928	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C929	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C930	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C931	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C940	YECUZ1H272KX	Ceramic, 0.0027MFD 50WV	
C941	YECUS1A105KX	Ceramic, 1MFD 10WV	
C942	F1H1H100A226	Ceramic, 10pF 50WV	
C948	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C949	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C950	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C951	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C952	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C953	YECUV1C225KX	Ceramic, 2.2MFD 16WV	
C954	YECUU1C475KX	Tantalum, 4.7MFD 16WV	
C955	YECUV1C225KX	Ceramic, 2.2MFD 16WV	
C956	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C957	YECUZ1H121JC	Ceramic, 120pF 50WV	
C958	YECUV1C225KX	Ceramic, 2.2MFD 16WV	
C959	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C960	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C961	F1H1H100A226	Ceramic, 10pF 50WV	
C981	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C982	EEVFC1C470P	Electrolytic, 47MFD 16WV	
C983	EEVFC0J470R	Electrolytic, 47MFD 6.3WV	
C984	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C985	EEVFC0J470R	Electrolytic, 47MFD 6.3WV	
C986	YECUZ1C104KX	Ceramic, 0.1MFD 16WV	
C987	YECUS1A105KX	Ceramic, 1MFD 10WV	
RESISTORS			

Ref. No.	Part No.	Part Name & Description	Remarks
R291	ERJ3GEYJ272V	Chip, 2.7k ohms; 1/16W	
R292	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R293	ERJ3GEYJ105V	Chip, 1M ohms; 1/16W	
R294	ERJ3GEYJ105V	Chip, 1M ohms; 1/16W	
R295	ERJ3GEYJ473V	Chip, 47k ohms; 1/16W	
R671	ERJ3GEYJ392V	Chip, 3.9k ohms; 1/16W	
R672	ERJ3GEYJ682V	Chip, 6.8k ohms; 1/16W	
R673	ERJ3GEYJ123V	Chip, 12k ohms; 1/16W	
R674	ERJ3GEYJ272V	Chip, 2.7k ohms; 1/16W	
R675	ERJ3GEYJ272V	Chip, 2.7k ohms; 1/16W	
R676	ERJ3GEYJ472V	Chip, 4.7k ohms; 1/16W	
R677	ERJ3GEYJ822V	Chip, 8.2k ohms; 1/16W	
R678	ERJ3GEYJ183V	Chip, 18k ohms; 1/16W	
R680	ERJ3GEYJ392V	Chip, 3.9k ohms; 1/16W	
R681	ERJ3GEYJ682V	Chip, 6.8k ohms; 1/16W	
R682	ERJ3GEYJ123V	Chip, 12k ohms; 1/16W	
R683	ERJ6GEYJ271	Chip, 270 ohms; 1/10W	
R684	ERJ6GEYJ271	Chip, 270 ohms; 1/10W	
R685	ERJ6GEYJ271	Chip, 270 ohms; 1/10W	
R686	ERJ6GEYJ181	Chip, 180 ohms; 1/10W	
R687	ERJ6GEYJ271	Chip, 270 ohms; 1/10W	
R688	ERJ6GEYJ331	Chip, 330 ohms; 1/10W	
R689	ERJ6GEYJ331	Chip, 330 ohms; 1/10W	
R690	ERJ6GEYJ181	Chip, 180 ohms; 1/10W	
R691	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R692	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R693	ERJ3GEYJ223V	Chip, 22k ohms; 1/16W	
R751	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R752	ERJ3GEYJ202V	Chip, 2k ohms; 1/16W	
R753	ERJ3GEYJ153V	Chip, 15k ohms; 1/16W	
R754	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R755	ERJ3GEYJ152V	Chip, 1.5k ohms; 1/16W	
R756	ERJ3GEYJ333V	Chip, 33k ohms; 1/16W	
R757	ERJ3GEYJ333V	Chip, 33k ohms; 1/16W	
R758	ERJ3GEYJ393V	Chip, 39k ohms; 1/16W	
R759	ERJ3GEYJ822V	Chip, 8.2k ohms; 1/16W	
R760	ERJ3GEYJ153V	Chip, 15k ohms; 1/16W	
R762	ERJ3GEYJ332V	Chip, 3.3k ohms; 1/16W	
R763	ERJ3GEYJ683V	Chip, 68k ohms; 1/16W	
R764	ERJ3GEYJ683V	Chip, 68k ohms; 1/16W	
R765	ERJ12RQJR68U	Chip, 0.68 ohms; 1/2W	
R766	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R767	ERJ14YJ331H	Chip, 330 ohms; 1/4W	
R768	ERJ14YJ331H	Chip, 330 ohms; 1/4W	
R769	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R770	ERJ12RQJR33U	Chip, 0.33 ohms; 1/2W	
R771	ERJ6GEYJ182	Chip, 1.8k ohms; 1/10W	
R772	ERJ6GEYJ182	Chip, 1.8k ohms; 1/10W	
R773	ERJ6GEYJ220	Chip, 22 ohms; 1/10W	
R774	ERJ6GEYJ220	Chip, 22 ohms; 1/10W	
R775	ERJ14YJ561H	Chip, 560 ohms; 1/4W	
R776	ERJ14YJ561H	Chip, 560 ohms; 1/4W	
R777	ERJ6GEYJ100	Chip, 10 ohms; 1/10W	
R781	ERJ6GEYJ223	Chip, 22k ohms; 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R782	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R785	ERJ3GEYJ473V	Chip, 47k ohms; 1/16W	
R786	ERJ3GEYJ183V	Chip, 18k ohms; 1/16W	
R787	ERJ3GEYJ562V	Chip, 5.6k ohms; 1/16W	
R788	ERJ3GEYJ682V	Chip, 6.8k ohms; 1/16W	
R789	ERJ3GEYJ472V	Chip, 4.7k ohms; 1/16W	
R790	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R791	ERJ3GEYJ153V	Chip, 15k ohms; 1/16W	
R792	ERJ3GEYJ473V	Chip, 47k ohms; 1/16W	
R793	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R794	ERJ6GEYJ223	Chip, 22k ohms; 1/10W	
R795	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R796	ERJ6GEYJ152	Chip, 1.5k ohms; 1/10W	
R797	ERJ6GEYJ152	Chip, 1.5k ohms; 1/10W	
R802	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R803	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R804	ERJ3GEYJ182V	Chip, 1.8k ohms; 1/16W	
R805	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R806	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R807	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R808	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R809	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R810	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R811	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R813	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R814	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R815	ERJ3GEYJ682V	Chip, 6.8k ohms; 1/16W	
R816	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R817	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R821	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R822	ERJ3GEYJ224V	Chip, 220k ohms; 1/16W	
R823	ERJ3GEYJ224V	Chip, 220k ohms; 1/16W	
R824	ERJ3GEYJ332V	Chip, 3.3k ohms; 1/16W	
R825	ERJ6ENF1002	Chip, 10k ohms; 1/10W	
R826	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R827	ERJ3GEYJ473V	Chip, 47k ohms; 1/16W	
R828	ERJ3GEYJ184V	Chip, 180k ohms; 1/16W	
R831	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R832	ERJ3GEYJ105V	Chip, 1M ohms; 1/16W	
R833	ERJ3GEYJ512V	Chip, 5.1k ohms; 1/16W	
R834	ERJ3GEYJ511V	Chip, 510 ohms; 1/16W	
R835	ERJ3GEYJ331V	Chip, 330 ohms; 1/16W	
R836	ERJ3GEYJ391V	Chip, 390 ohms; 1/16W	
R837	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R838	ERJ3GEYJ471V	Chip, 470 ohms; 1/16W	
R839	ERJ3GEYJ225V	Chip, 2.2M ohms; 1/16W	
R840	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R841	ERJ3GEYJ225V	Chip, 2.2M ohms; 1/16W	
R842	ERJ3GEYJ225V	Chip, 2.2M ohms; 1/16W	
R843	ERJ3GEYJ225V	Chip, 2.2M ohms; 1/16W	
R844	ERJ3GEYJ473V	Chip, 47k ohms; 1/16W	
R851	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R852	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R853	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R854	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R855	ERJ6GEYJ562	Chip, 5.6k ohms; 1/10W	
R856	ERJ6GEYJ562	Chip, 5.6k ohms; 1/10W	
R857	ERJ6GEYJ562	Chip, 5.6k ohms; 1/10W	
R858	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R859	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R860	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R861	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R871	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R872	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R873	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R874	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R875	ERJ3GEYJ331V	Chip, 330 ohms; 1/16W	
R876	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R877	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R878	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R879	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R880	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R881	ERJ3GEYJ101V	Chip, 100 ohms; 1/16W	
R882	ERJ3GEYJ221V	Chip, 220 ohms; 1/16W	
R883	ERJ3GEYJ221V	Chip, 220 ohms; 1/16W	
R884	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R885	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R891	ERJ3GEYJ221V	Chip, 220 ohms; 1/16W	
R892	ERJ3GEYJ221V	Chip, 220 ohms; 1/16W	
R901	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R902	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R903	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R904	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R905	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R906	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R907	ERJ3GEYJ470V	Chip, 47 ohms; 1/16W	
R908	ERJ3GEYJ181V	Chip, 180 ohms; 1/16W	
R909	ERJ3GEYJ181V	Chip, 180 ohms; 1/16W	
R910	ERJ3GEYJ181V	Chip, 180 ohms; 1/16W	
R911	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R912	ERJ3GEYJ223V	Chip, 22k ohms; 1/16W	
R914	ERJ3GEYJ473V	Chip, 47k ohms; 1/16W	
R915	ERJ3GEYJ683V	Chip, 68k ohms; 1/16W	
R916	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R917	ERJ3GEYJ472V	Chip, 4.7k ohms; 1/16W	
R918	ERJ3GEYJ105V	Chip, 1M ohms; 1/16W	
R919	ERJ3GEYJ683V	Chip, 68k ohms; 1/16W	
R920	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R921	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R922	ERJ3GEYJ303V	Chip, 30k ohms; 1/16W	
R923	ERJ3GEYJ474V	Chip, 470k ohms; 1/16W	
R924	ERJ6GEYJ153	Chip, 15k ohms; 1/10W	
R926	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R929	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R930	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R931	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R934	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R937	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R938	ERJ3GEYJ102V	Chip, 1k ohms; 1/16W	
R940	ERJ3GEYJ331V	Chip, 330 ohms; 1/16W	
R941	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R942	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R943	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R947	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R949	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R950	ERJ3GEYJ221V	Chip, 220 ohms; 1/16W	
R951	YER122P2702D	Chip, 27k ohms; 1/10W	
R952	D1BD13020001	Metal Film, 13k ohms; 1/10W	
R953	D1BD18030002	Metal Film, 180k ohms; 1/10W	
R954	ERJ3GEYJ223V	Chip, 22k ohms; 1/16W	
R955	ERJ3GEYJ223V	Chip, 22k ohms; 1/16W	
R956	ERJ6GEYJ470	Chip, 47 ohms; 1/10W	
R957	ERJ6GEYJ470	Chip, 47 ohms; 1/10W	
R958	ERJ3GEYJ123V	Chip, 12k ohms; 1/16W	
R959	ERJ3GEYJ123V	Chip, 12k ohms; 1/16W	
R960	ERJ3GEYJ821V	Chip, 820 ohms; 1/16W	
R961	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R962	ERJ3GEYJ273V	Chip, 27k ohms; 1/16W	
R963	ERJ3GEYJ822V	Chip, 8.2k ohms; 1/16W	
R964	ERJ3GEYJ823V	Chip, 82k ohms; 1/16W	
R965	ERJ3GEYJ823V	Chip, 82k ohms; 1/16W	
R966	ERJ3GEYJ563V	Chip, 56k ohms; 1/16W	
R967	ERJ3GEYJ563V	Chip, 56k ohms; 1/16W	
R968	D1BD18030002	Metal Film, 180k ohms; 1/10W	
R969	D1BD56010001	Metal Film, 5.6k ohms; 1/10W	
R970	D1BD47020001	Metal Film, 47k ohms; 1/10W	
R971	ERJ3GEYJ223V	Chip, 22k ohms; 1/16W	
R972	ERJ3GEYJ223V	Chip, 22k ohms; 1/16W	
R973	ERJ6GEYJ470	Chip, 47 ohms; 1/10W	
R974	ERJ6GEYJ470	Chip, 47 ohms; 1/10W	
R980	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R982	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R984	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R987	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R988	ERJ3GEY0R00V	Chip, 0 ohms; 1/16W	
R989	ERJ3GEYJ153V	Chip, 15k ohms; 1/16W	
R990	ERJ3GEYJ123V	Chip, 12k ohms; 1/16W	
R991	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R992	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R993	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R994	ERJ3GEYJ222V	Chip, 2.2k ohms; 1/16W	
R995	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
R996	ERJ3GEYJ103V	Chip, 10k ohms; 1/16W	
CONNECTORS			
CN291	YEAE5339802	Connector, 2P	
CN791	YEAEILZ2PL	Connector, 2P	
CN801	K1KB30B00015	Connector, 30P	
CN901	K1KB30B00015	Connector, 30P	

Ref. No.	Part No.	Part Name & Description	Remarks
ELECTRIC PARTS			
SWITCHES			
SW670	YEAS09311	Switch	
SW671	EVQPJX05M	Switch	
SW672	EVQPJX05M	Switch	
SW673	EVQPJX05M	Switch	
SW674	YEAS09311	Switch	
SW675	YEAS09311	Switch	
SW676	YEAS09311	Switch	
SW677	YEAS09311	Switch	
SW678	YEAS09311	Switch	
SW679	EVQPJX05M	Switch	
SW680	EVQPJX05M	Switch	
SW681	EVQPJX05M	Switch	
SW682	EVQPJX05M	Switch	
SW683	EVQPJX05M	Switch	
COILS			
L291	YELTBLM21P3S	Coil	
L292	YELTBLM21P3S	Coil	
L293	YELTBLM21P3S	Coil	
L294	ERJ6GEY0R00V	Coil	
L391	YELTBLM21P3S	Coil	
L760	YELQ12S221M	Coil	
L761	YELQ12S680M	Coil	
L781	YELT03N101JT	Coil	
L782	G1C101K00011	Coil	
L783	YELT03N221JT	Coil	
L784	YELT03N100KT	Coil	
L786	ERJ8GEY0R00V	Coil	
L787	ERJ8GEY0R00V	Coil	
L791	YELQ10S101M	Coil	
L801	YELT03N101JT	Coil	
L802	G1C101K00011	Coil	
L804	YELT03N220JT	Coil	
L851	YELT03N330JT	Coil	
L852	YELT03N101JT	Coil	
L901	YELT03N100KT	Coil	
L902	YECCL51R206T	Coil	
L903	YECCL51R206T	Coil	
L904	YECCL51R206T	Coil	
L905	YELT03N100KT	Coil	
L906	YELT03N1R8JT	Coil	
L907	YELT03N100KT	Coil	
L910	ERJ8GEY0R00V	Coil	
L951	YELT03N100KT	Coil	
L952	YELT03N100KT	Coil	
L981	YELT03N100KT	Coil	
L982	YELT03N100KT	Coil	
L983	YELT03N100KT	Coil	
L984	YELT03N100KT	Coil	
T781	ETJ11K49BM	Power Transformer	
T791	ETJ15K16AM	Power Transformer	

Ref. No.	Part No.	Part Name & Description	Remarks
T792	ETJ15K16AM	Power Transformer	
CRYSTALS			
XL801	H0J357400005	Crystal	
VARIABLE RESISTORS			
VR761	EVM1SSX50B53	Variablr resistor	
VR901	EVM1SSX50B54	Variablr resistor	
IC's AND TRANSISTORS			
[E-8712A] TUNER BLOCK			
PA1	C5EA00000079	TV Tuner	
IC1	YEAMC78L05E2	IC	
IC2	YEAMTK11819M	IC	
IC51	AN5186FB	IC	
IC71	C1AB00000079	IC	
IC121	YEAMCXA2020M	IC	
IC301	C0ZBZ0000005	IC	
IC302	YEAMPC4570T1	IC	
IC340	YEAMBA1404F	IC	
IC601	C2BBGF000203	IC	
IC602	YEAMT7W125UL	IC	
IC603	YEAMTC7W14FL	IC	
IC701	AN8065SE1	IC	
IC702	YEAMM5237ML	IC	
IC703	YEAMPQ1CZ1T	IC	
IC704	YEAMPC2905E1	IC	
IC740	YEAMT7W125UL	IC	
Q1	YEANC114EKTX	Transistor	
Q2	YEANC114EKTX	Transistor	
Q3	YEANC114EKTX	Transistor	
Q4	YEANC114EKTX	Transistor	
Q5	YEANHQ1F3PT1	Transistor	
Q6	B1GBCFNN0005	Transistor	
Q51	2SD0601AHR	Transistor	
Q81	2SB709TX	Transistor	
Q82	2SB709TX	Transistor	
Q83	2SD0601AHR	Transistor	
Q90	YEANC314TKT	Transistor	
Q91	YEANC314TKT	Transistor	
Q92	YEANC314TKT	Transistor	
Q230	YEANC323TKT	Transistor	
Q250	YEANC323TKT	Transistor	
Q301	2SD0601AHR	Transistor	
Q320	YEANC323TKT	Transistor	
Q330	YEANC323TKT	Transistor	
Q331	YEANA114TK	Transistor	
Q340	2SC2404CTX	Transistor	
Q341	2SC2404CTX	Transistor	
Q342	YEANFMC5KTX	Transistor	

Ref. No.	Part No.	Part Name & Description	Remarks
Q350	YEANC323TKT	Transistor	
Q620	2SC2404CTX	Transistor	
Q621	2SC2404CTX	Transistor	
Q701	B1BBAC000007	Transistor	
Q702	YEANA1647ZT	Transistor	
Q703	YEANFB1F3PT1	Transistor	
Q704	YEANA124EKTX	Transistor	
Q705	2SB1073TX	Transistor	
Q730	B1GBCFJN0005	Transistor	
Q731	YEANA144EKTX	Transistor	
Q732	B1GBCFJN0005	Transistor	
Q733	YEANA144EKTX	Transistor	
Q740	YEANC114YUTX	Transistor	
Q741	B1GBCFNN0005	Transistor	
Q742	B1GBCFNN0005	Transistor	
DIODES			
D1	MA551TX	Diode	
D2	MA551TX	Diode	
D3	MA551TX	Diode	
D4	MA551TX	Diode	
D5	YEADSR1544TL	Diode	
D101	MA3X028TAL	Diode	
D230	YEADAP202KTX	Diode	
D320	YEADAN202KTX	Diode	
D340	B0CDAB000002	Diode	
D341	MAZ336000L	Diode	
D342	YEADAN202KTX	Diode	
D343	YEADAP202KTX	Diode	
D601	YEADAN202KTX	Diode	
D701	YEADDAM3MA47	Diode	
D702	YEADAN202KTX	Diode	
D703	YEADEC10DS1	Diode	
D704	YEADSR1544TL	Diode	
D705	YEADAN202KTX	Diode	
D706	YEADRD56M3T1	Diode	
D707	YEADNSQ03A02	Diode	
D730	YEADAN202KTX	Diode	
D731	YEADAN202KTX	Diode	
D740	MA8056LMHTX	Diode	
CAPACITORS			
C1	YECUS1H470JM	Ceramic, 47pF 50WV	
C2	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C3	YECUS1H470JM	Ceramic, 47pF 50WV	
C4	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C5	YECUS1H470JM	Ceramic, 47pF 50WV	
C6	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C7	YECUS1H470JM	Ceramic, 47pF 50WV	
C8	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C9	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C10	YECUS1H151JM	Ceramic, 150pF 50WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C11	YECUS1H151JM	Ceramic, 150pF 50WV	
C12	YECUS1H151JM	Ceramic, 150pF 50WV	
C13	YECUS1H151JM	Ceramic, 150pF 50WV	
C14	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C15	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C16	ECEA1VKS4R7I	Electrolytic, 4.7MFD 35WV	
C17	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C18	ECEA0JKS220I	Electrolytic, 22MFD 6.3WV	
C19	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C20	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C21	ECEA1AKS101	Electrolytic, 100MFD 10WV	
C23	ECEA1AKS101	Electrolytic, 100MFD 10WV	
C24	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C25	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C26	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C27	ECEA1AKS221I	Electrolytic, 220MFD 10WV	
C28	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C29	ECEA1CKS470I	Electrolytic, 47MFD 16WV	
C30	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C31	YECUS1E223KX	Ceramic, 0.022MFD 25WV	
C32	YECUS1E473KX	Ceramic, 0.047MFD 25WV	
C33	ECEA1VKS470I	Electrolytic, 47MFD 35WV	
C34	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C35	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C50	ECEA0JKS470I	Electrolytic, 47MFD 6.3WV	
C51	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C52	ECEA1AKS470I	Electrolytic, 47MFD 10WV	
C53	YECUS1E473KX	Ceramic, 0.047MFD 25WV	
C54	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C55	ECEA1AKS220I	Electrolytic, 22MFD 10WV	
C56	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C57	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C58	YECUS1E473KX	Ceramic, 0.047MFD 25WV	
C70	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C71	YECUS1H471JC	Ceramic, 470pF 50WV	
C72	YECUS1H101JM	Ceramic, 100pF 50WV	
C73	YECUS1A105KX	Ceramic, 1MFD 10WV	
C74	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C75	YECUS1A105KX	Ceramic, 1MFD 10WV	
C76	YECUS1H222JC	Ceramic, 0.0022MFD 50WV	
C80	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C81	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C82	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C83	ECEA1AKS101	Electrolytic, 100MFD 10WV	
C84	ECEA1AKS101	Electrolytic, 100MFD 10WV	
C85	ECEA1AKS221I	Electrolytic, 220MFD 10WV	
C86	YECUS1H821JM	Ceramic, 820pF 50WV	
C87	ECEA1CKS100I	Electrolytic, 10MFD 16WV	
C88	YECUV1C105KX	Ceramic, 1MFD 16WV	
C89	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C90	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C101	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C102	YECUS1E223KX	Ceramic, 0.022MFD 25WV	
C103	YECUS1E223KX	Ceramic, 0.022MFD 25WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C104	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C105	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C106	ECEA1AKS470I	Electrolytic, 47MFD 10WV	
C107	F1J1H1810002	Ceramic, 180pF 50WV	
C108	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C109	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C110	YECUS1E223KX	Ceramic, 0.022MFD 25WV	
C111	YECUS1E473KX	Ceramic, 0.047MFD 25WV	
C112	YECUS1A105KX	Ceramic, 1MFD 10WV	
C113	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C114	YECUS1H100CC	Ceramic, 10pF 50WV	
C115	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C121	YECUS1A105KX	Ceramic, 1MFD 10WV	
C122	ECEA1AKS100I	Electrolytic, 10MFD 10WV	
C123	ECEA1AKS470I	Electrolytic, 47MFD 10WV	
C124	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C125	ECEA1AKS100I	Electrolytic, 10MFD 10WV	
C126	YECUS1A105KX	Ceramic, 1MFD 10WV	
C127	YECUS1A105KX	Ceramic, 1MFD 10WV	
C128	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C129	YECUS1A105KX	Ceramic, 1MFD 10WV	
C130	YECUS1A105KX	Ceramic, 1MFD 10WV	
C131	ECEA1AKS100I	Electrolytic, 10MFD 10WV	
C132	YECUS1H682KX	Ceramic, 0.0068MFD 50WV	
C133	YECUS1H682KX	Ceramic, 0.0068MFD 50WV	
C201	YECUS1A105KX	Ceramic, 1MFD 10WV	
C202	YECUS1A105KX	Ceramic, 1MFD 10WV	
C203	ECEA1AKS221I	Electrolytic, 220MFD 10WV	
C204	ECEA0JKS220I	Electrolytic, 22MFD 6.3WV	
C205	YECUS1A105KX	Ceramic, 1MFD 10WV	
C207	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C210	YECUS1A105KX	Ceramic, 1MFD 10WV	
C211	YECUS1H392KX	Ceramic, 0.0039MFD 50WV	
C212	YECUS1H392KX	Ceramic, 0.0039MFD 50WV	
C213	YECUS1H392KX	Ceramic, 0.0039MFD 50WV	
C214	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C220	YECUS1C224KX	Ceramic, 0.22MFD 16WV	
C221	YECUS1C224KX	Ceramic, 0.22MFD 16WV	
C222	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C230	ECEA1CKS100I	Electrolytic, 10MFD 16WV	
C240	YECUV1A225KX	Ceramic, 2.2MFD 10WV	
C241	YECUS1H123KX	Ceramic, 0.012MFD 50WV	
C243	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C244	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C301	YECUS1A105KX	Ceramic, 1MFD 10WV	
C302	YECUS1A105KX	Ceramic, 1MFD 10WV	
C303	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C304	YECUS1A105KX	Ceramic, 1MFD 10WV	
C305	YECUS1A105KX	Ceramic, 1MFD 10WV	
C307	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C310	YECUS1A105KX	Ceramic, 1MFD 10WV	
C311	YECUS1H392KX	Ceramic, 0.0039MFD 50WV	
C312	YECUS1H392KX	Ceramic, 0.0039MFD 50WV	
C313	YECUS1H392KX	Ceramic, 0.0039MFD 50WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C314	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C320	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C321	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C322	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C323	YECUS1C474KX	Ceramic, 0.47MFD 16WV	
C330	ECEA1CKS100I	Electrolytic, 10MFD 16WV	
C340	YECUV1A225KX	Ceramic, 2.2MFD 10WV	
C341	YECUS1H123KX	Ceramic, 0.012MFD 50WV	
C342	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C343	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C344	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C345	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C346	YECUV0J106KX	Ceramic, 10MFD 6.3WV	
C347	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C349	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C350	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C351	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C352	ECEA1CKS100I	Electrolytic, 10MFD 16WV	
C353	F1J1H182A509	Ceramic, 0.0018MFD 50WV	
C354	YECUS1H222JC	Ceramic, 0.0022MFD 50WV	
C356	F1J1H1R0A012	Ceramic, 1pF 50WV	
C357	F1J1H120A025	Ceramic, 12pF 50WV	
C358	F1J1H120A025	Ceramic, 12pF 50WV	
C359	F1J1H120A025	Ceramic, 12pF 50WV	
C360	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C361	YECUS1H100CC	Ceramic, 10pF 50WV	
C362	F1J1H200A025	Ceramic, 20pF 50WV	
C363	F1J1H1R0A007	Ceramic, 1pF 50WV	
C364	YECUS1H103KX	Ceramic, 0.01MFD 50WV	
C365	ECEA1AKS221I	Electrolytic, 220MFD 10WV	
C367	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C368	ECEA1AKS221I	Electrolytic, 220MFD 10WV	
C369	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C601	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C602	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C603	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C604	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C605	YECUS1H181JC	Ceramic, 180pF 50WV	
C606	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C608	YEECFYL473ZM	Electrolytic, 0.047MFD 5.5WV	
C609	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C610	YECUS1H220JC	Ceramic, 22pF 50WV	
C611	YECUS1H220JC	Ceramic, 22pF 50WV	
C612	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C613	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C614	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C615	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C616	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C620	ECSF1CE226	Ceramic, 22MFD 16WV	
C621	YECUS1E473KX	Ceramic, 0.047MFD 25WV	
C622	YECUS1C474KX	Ceramic, 0.47MFD 16WV	
C624	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C701	ECA1CM102	Electrolytic, 1000MFD 16WV	
C702	ECA1CM102	Electrolytic, 1000MFD 16WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C703	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C704	ECEA1CKS101I	Electrolytic, 100MFD 16WV	
C705	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C706	ECEA1CKS101I	Electrolytic, 100MFD 16WV	
C707	ECEA1CKS100I	Electrolytic, 10MFD 16WV	
C708	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C709	F1J1C274A006	Ceramic, 0.27MFD 16WV	
C710	YECUS1C224KX	Ceramic, 0.22MFD 16WV	
C711	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C712	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C713	YECUV1C105KX	Ceramic, 1MFD 16WV	
C714	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C715	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C716	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C717	ECEA0JKS220I	Electrolytic, 22MFD 6.3WV	
C718	ECEA1CKS101I	Electrolytic, 100MFD 16WV	
C719	ECEA1CKS101I	Electrolytic, 100MFD 16WV	
C720	YECUU1C475KX	Tantalum, 4.7MFD 16WV	
C721	YECUS1H471JC	Ceramic, 470pF 50WV	
C722	F1J1H102A034	Ceramic, 0.001MFD 50WV	
C723	ECEA1AKS221I	Electrolytic, 220MFD 10WV	
C724	ECEA1AKS221I	Electrolytic, 220MFD 10WV	
C725	YECUU1C475KX	Tantalum, 4.7MFD 16WV	
C726	ECEA1AKS101	Electrolytic, 100MFD 10WV	
C727	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C728	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C729	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	
C730	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C731	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C732	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C733	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C740	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C741	F1J1H330A025	Ceramic, 33pF 50WV	
C742	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
C743	YECUS1C104KX	Ceramic, 0.1MFD 16WV	
RESISTORS			
C22	ERJ6GEY0R00	Chip, 0 ohms; 1/10W	
R1	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R2	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R3	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R4	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R5	ERJ6GEYJ561	Chip, 560 ohms; 1/10W	
R6	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R7	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R8	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R9	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R10	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R11	ERJ6GEYJ470	Chip, 47 ohms; 1/10W	
R12	ERJ6GEY0R00	Chip, 0 ohms; 1/10W	
R13	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R51	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R52	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R53	ERJ6GEYJ333	Chip, 33k ohms; 1/10W	
R54	ERJ6GEYJ153	Chip, 15k ohms; 1/10W	
R55	ERJ6GEYJ272	Chip, 2.7k ohms; 1/10W	
R56	ERJ6GEYJ183	Chip, 18k ohms; 1/10W	
R57	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R58	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R59	ERJ6GEYJ820	Chip, 82 ohms; 1/10W	
R60	ERJ6ENF4700V	Chip, 470 ohms; 1/10W	
R61	D1BD56000001	Metal Film, 560 ohms; 1/10W	
R62	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R63	ERJ6GEYJ202	Chip, 2k ohms; 1/10W	
R64	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R65	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
R66	ERJ6GEYJ332	Chip, 3.3k ohms; 1/10W	
R70	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R71	ERJ6GEYJ331	Chip, 330 ohms; 1/10W	
R72	ERJ6GEYJ124	Chip, 120k ohms; 1/10W	
R73	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R74	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R75	ERJ6GEYJ474	Chip, 470k ohms; 1/10W	
R76	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R77	ERJ6GEYJ474	Chip, 470k ohms; 1/10W	
R80	ERJ6GEYJ750	Chip, 75 ohms; 1/10W	
R81	ERJ6GEYJ750	Chip, 75 ohms; 1/10W	
R83	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R84	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R85	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R86	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R87	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R88	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R89	ERJ6GEYJ151	Chip, 150 ohms; 1/10W	
R90	ERJ6GEYJ560	Chip, 56 ohms; 1/10W	
R91	ERJ6GEYJ151	Chip, 150 ohms; 1/10W	
R92	ERJ6GEYJ680	Chip, 68 ohms; 1/10W	
R93	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R94	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R95	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R96	ERJ6GEYJ750	Chip, 75 ohms; 1/10W	
R97	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R98	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R99	ERJ6GEYJ333	Chip, 33k ohms; 1/10W	
R100	ERJ6GEYJ822	Chip, 8.2k ohms; 1/10W	
R101	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R102	ERJ6GEYJ302	Chip, 3k ohms; 1/10W	
R103	ERJ6GEYJ333	Chip, 33k ohms; 1/10W	
R104	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R105	ERJ6GEYJ393	Chip, 39k ohms; 1/10W	
R106	ERJ6GEYJ392	Chip, 3.9k ohms; 1/10W	
R107	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
R108	ERJ6GEYJ682	Chip, 6.8k ohms; 1/10W	
R111	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R120	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
R121	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R122	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R123	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R124	ERJ6GEYJ392	Chip, 3.9k ohms; 1/10W	
R125	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R126	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R127	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R128	ERJ6GEYJ472	Chip, 4.7k ohms; 1/10W	
R129	ERJ6GEYJ472	Chip, 4.7k ohms; 1/10W	
R201	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R202	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R203	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R204	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R205	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R206	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R207	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R208	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R209	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
R210	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R211	ERJ6GEYJ752	Chip, 7.5k ohms; 1/10W	
R212	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R213	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R214	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R215	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R216	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R217	ERJ6GEYJ822	Chip, 8.2k ohms; 1/10W	
R218	ERJ6GEYJ122	Chip, 1.2k ohms; 1/10W	
R219	ERJ6GEYJ122	Chip, 1.2k ohms; 1/10W	
R220	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R221	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R222	ERJ6GEYJ153	Chip, 15k ohms; 1/10W	
R230	ERJ6GEYJ561	Chip, 560 ohms; 1/10W	
R231	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R240	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R241	ERJ6GEYJ821	Chip, 820 ohms; 1/10W	
R242	ERJ6GEYJ513	Chip, 51k ohms; 1/10W	
R301	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R302	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R303	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R304	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R305	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R306	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R307	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R308	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
R309	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
R310	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R311	ERJ6GEYJ752	Chip, 7.5k ohms; 1/10W	
R312	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R313	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R314	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R315	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R316	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R317	ERJ6GEYJ822	Chip, 8.2k ohms; 1/10W	
R318	ERJ6GEYJ334	Chip, 330k ohms; 1/10W	
R319	ERJ6GEYJ334	Chip, 330k ohms; 1/10W	
R320	ERJ6GEYJ562	Chip, 5.6k ohms; 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R321	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R322	ERJ6GEYJ153	Chip, 15k ohms; 1/10W	
R323	ERJ6GEYJ562	Chip, 5.6k ohms; 1/10W	
R330	ERJ6GEYJ561	Chip, 560 ohms; 1/10W	
R331	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R340	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	
R341	ERJ6GEYJ821	Chip, 820 ohms; 1/10W	
R342	ERJ6GEYJ513	Chip, 51k ohms; 1/10W	
R343	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R344	ERJ6GEYJ272	Chip, 2.7k ohms; 1/10W	
R345	ERJ6GEYJ124	Chip, 120k ohms; 1/10W	
R346	ERJ6GEYJ472	Chip, 4.7k ohms; 1/10W	
R347	ERJ6GEYJ472	Chip, 4.7k ohms; 1/10W	
R348	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R349	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R350	ERJ6GEYJ332	Chip, 3.3k ohms; 1/10W	
R351	ERJ6GEYJ470	Chip, 47 ohms; 1/10W	
R352	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R353	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
R354	ERJ6GEY0R00	Chip, 0 ohms; 1/10W	
R355	ERJ6GEYJ561	Chip, 560 ohms; 1/10W	
R356	ERJ6GEYJ820	Chip, 82 ohms; 1/10W	
R357	ERJ6GEYJ100	Chip, 10 ohms; 1/10W	
R358	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R601	ERJ6GEYJ561	Chip, 560 ohms; 1/10W	
R602	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R603	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R604	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R605	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R606	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R607	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R608	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R609	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R610	ERJ6GEYJ153	Chip, 15k ohms; 1/10W	
R611	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R612	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R613	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R614	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R615	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R616	ERJ6GEYJ124	Chip, 120k ohms; 1/10W	
R617	ERJ6GEYJ472	Chip, 4.7k ohms; 1/10W	
R618	ERJ6GEYJ472	Chip, 4.7k ohms; 1/10W	
R620	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R621	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R622	ERJ6GEY0R00	Chip, 0 ohms; 1/10W	
R623	ERJ6GEYJ562	Chip, 5.6k ohms; 1/10W	
R624	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R701	ERJ14YJ100H	Chip, 10 ohms; 1/4W	
R702	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R703	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R704	ERJ6GEYJ274	Chip, 270k ohms; 1/10W	
R705	ERJ6GEYJ433	Chip, 43k ohms; 1/10W	
R706	ERJ6GEYJ154	Chip, 150k ohms; 1/10W	
R707	ERJ6GEYJ273	Chip, 27k ohms; 1/10W	

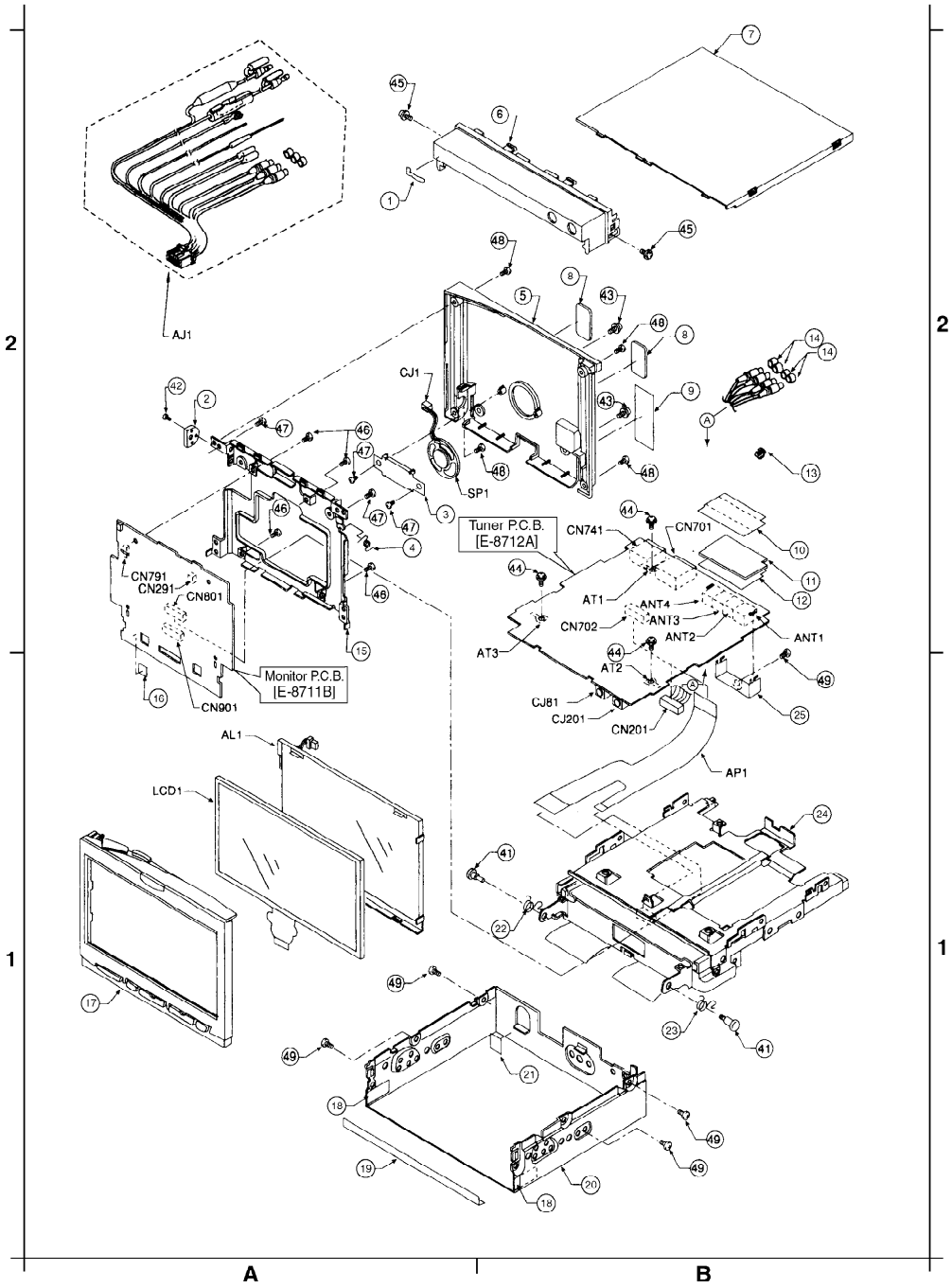
Ref. No.	Part No.	Part Name & Description	Remarks
R708	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R709	ERJ12YJ102H	Chip, 1k ohms; 1/2W	
R710	ERJ12YJ102H	Chip, 1k ohms; 1/2W	
R711	ERJ12YJ102H	Chip, 1k ohms; 1/2W	
R712	ERJ14YJ470H	Chip, 47 ohms; 1/4W	
R713	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R714	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R715	ERJ6ENF1201V	Chip, 1.2k ohms; 1/10W	
R716	ERJ6ENF7501V	Chip, 7.5k ohms; 1/10W	
R717	ERJ12YJ2R7H	Chip, 2.7 ohms; 1/2W	
R718	ERJ6GEYJ102	Chip, 1k ohms; 1/10W	
R719	ERJ6GEYJ221	Chip, 220 ohms; 1/10W	
R720	ERJ6GEYJ153	Chip, 15k ohms; 1/10W	
R721	ERJ6GEYJ472	Chip, 4.7k ohms; 1/10W	
R722	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R730	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R731	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R732	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R733	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R734	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R735	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R736	ERJ6GEYJ471	Chip, 470 ohms; 1/10W	
R737	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R740	ERJ6GEYJ103	Chip, 10k ohms; 1/10W	
R741	ERJ6GEYJ101	Chip, 100 ohms; 1/10W	
R742	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R743	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
R745	ERJ6GEYJ473	Chip, 47k ohms; 1/10W	
R746	ERJ6GEYJ222	Chip, 2.2k ohms; 1/10W	
CONNECTORS			
CJ81	K2RK031F0001	Connector	
CJ201	K2RK031F0001	Connector	
CN201	K2YZ08000007	Connector, 7P	
CN701	YEAE012194	Connector, 16P	
CN702	YEAE52559402	Connector, 40P	
CN741	YEAE012238	Connector, 13P	
ELECTRIC PARTS			
SWITCHES			
SW601	YEAS09311	Switch	
SW602	YEAS07174	Switch	
SW603	YEAS07174	Switch	
COILS			
L1	ELJFCR27MF	Coil	
L2	ELJFCR27MF	Coil	
L3	ELJFCR27MF	Coil	
L4	ELJFCR27MF	Coil	
L5	ELJFCR27MF	Coil	
L6	ELJFCR27MF	Coil	

Ref. No.	Part No.	Part Name & Description	Remarks
L7	ELJFCR27MF	Coil	
L8	ELJFCR27MF	Coil	
L9	ELJFC4R7MF	Coil	
L10	YELTBLM2B601	Coil	
L11	YELTBLM2B601	Coil	
L12	YELTBLM2B601	Coil	
L13	YELTBLM2B601	Coil	
L14	YELTBLM32A06	Coil	
L15	YELT03N100KT	Coil	
L16	YELT03N100KT	Coil	
L18	YELT03N101JT	Coil	
L19	YELT05R001	Coil	
L20	YELT03N100KT	Coil	
L51	G3BRB0000007	Coil	
L52	YELT03N100KT	Coil	
L81	YELT03N101JT	Coil	
L82	YELT03N101JT	Coil	
L83	YELTBLM32A06	Coil	
L101	YEIF05S7118T	Coil	
L301	YELT03N101JT	Coil	
L340	EQV5EB084A	Coil	
L341	YELT03NR22JT	Coil	
L342	YELTBLM32A06	Coil	
L343	YELT03N470JT	Coil	
L601	YELT03N101JT	Coil	
L602	YELT03N101JT	Coil	
L603	YELT03N101JT	Coil	
L701	YETQ020F060	Coil	
L702	YELQ10S221M	Coil	
L703	YELT03N100KT	Coil	
L740	YELT03N101JT	Coil	
L741	YELTBLM32A06	Coil	
CRYSTALS			
XL101	H0D305500002	Crystal	
XL340	YEXLKF38C2	Crystal	
XL601	YEXL49U0450T	Crystal	
VARIABLE RESISTORS			
VR51	EVM1SSX50B53	Variablr resistor	
VR101	EVM1SSX50B14	Variablr resistor	
VR102	EVM3YSX50B54	Variablr resistor	
NETWORK RESISTORS			
RA601	EXBV8V102JV	Network Resistor	
RA602	EXBV8V102JV	Network Resistor	
RA603	EXBV8V102JV	Network Resistor	
RA604	EXBV8V102JV	Network Resistor	
RA605	EXBV8V102JV	Network Resistor	
RA606	EXBV8V102JV	Network Resistor	
RA607	EXBV8V102JV	Network Resistor	

Ref. No.	Part No.	Part Name & Description	Remarks
RA608	EXBV8V102JV	Network Resistor	
RA609	EXBV8V222JV	Network Resistor	
RA610	EXBV8V102JV	Network Resistor	
RA611	EXBV8V102JV	Network Resistor	
RA612	EXBV8V102JV	Network Resistor	
RA613	EXBV8V102JV	Network Resistor	
FILTERS			
CF51	J0B4504A0002	Ceramic Filter	
CF101	J0B1075A0028	Ceramic Filter	
SF51	J0C4575B0001	Filter	
SF101	J0C4125B0001	Filter	
ACCESSORIES			
INSTALLATION PARTS			
	YEP9BS1146	Mounting Parts Kit	
	YEP9FZ2761	Spacer Kit	
	YEFG02973	Transportation Bracket	
	YEJT03261	Tapping Screw	
	YEAJ011621	Power Cord	
	YEFX9991793	Wiping Cloth	
	YEFX9992498	Remote Controller	
	R30NPA/2ST	Battery	⚠
DIVERSITY ANTENNA			
	YEAA12692	Antenna (R)	
	YEAA12693	Antenna (L)	
	YEP9FZ3041	Cable Cramper	
MECHANICAL PARTS			
MISCELLANEOUS			
SP1	EAS3P127G	Speaker	
CJ1	K1PB02Z00001	Connector, 2P	
AP1	YEAP2727A	Flexible PCB	
LCD1	EDTCA07QD0	TFT	
AL1	A2CD00000022	Display Tube	
ANT1-4	YEAELGY6502	Connector	
AT1-3	YEATSD00405	Bracket	
HP1	YEAT03324	Terminal	
1	YEFN07025	Main Label	
2	YEFX0031049	Gear	
3	YEFX0214766	Bracket, Speaker	
4	YEFX0052411	Spring	
5	YEFA131545	Case	
6	YEFC027159	Escutcheon Ass'y	
7	YEFA031671	Upper Cover	
8	YEFS011579	Pad	
9	YEFM99737	Seal	
10	YEFV011988	Magnetic Shield	

Ref. No.	Part No.	Part Name & Description	Remarks
11	YEFV03542	Magnetic Shield	
12	YEFV011987	Magnetic Shield	
13	YEFX007565	Cord Clamper	
14	YEFR04187	Illumination Cap	
15	YEFX0214765	Bracket, LCD	
16	YEFS01976	Pad	
17	YEFA131562	Case	
18	YEFS011578	Pad	
19	YEFM021702	Seal	
20	YEFA011823	Chassis	
21	YEFS011619	Pad	
22	YEFX0052443	Spring	
23	YEFX0052442	Spring	
24	YEP9FX094C	Loading Mechanism Ass'y	
25	YEFX0214767	Bracket, Connector	
41	YEJS06238	Screw	
42	YEJT03146	Tapping Screw	
43	YEJT03172	Tapping Screw, 2.6mm * 6mm	
44	YEJT03133	Tapping Screw, 2.6mm * 6mm	
45	YEJT03135	Tapping Screw, 2mm * 5mm	
46	YEJT03163	Tapping Screw, 2mm * 6mm	
47	XTB2+6GFX	Tapping Screw, 2mm * 6mm	
48	XTB2+8GFZ	Tapping Screw, 2mm * 8mm	
49	XTB3+6FFX	Tapping Screw, 3mm * 6mm	

12. EXPLODED VIEW (Unit)



13. WIRING DIAGRAM

13.1. Monitor Block (Top View)

13.2. Monitor Block (Bottom View)

13.3. Tuner Block (Top View)

13.4. Tuner Block (Bottom View)

14. SCHEMATIC DIAGRAM

14.1. Monitor Block

14.2. Tuner Block

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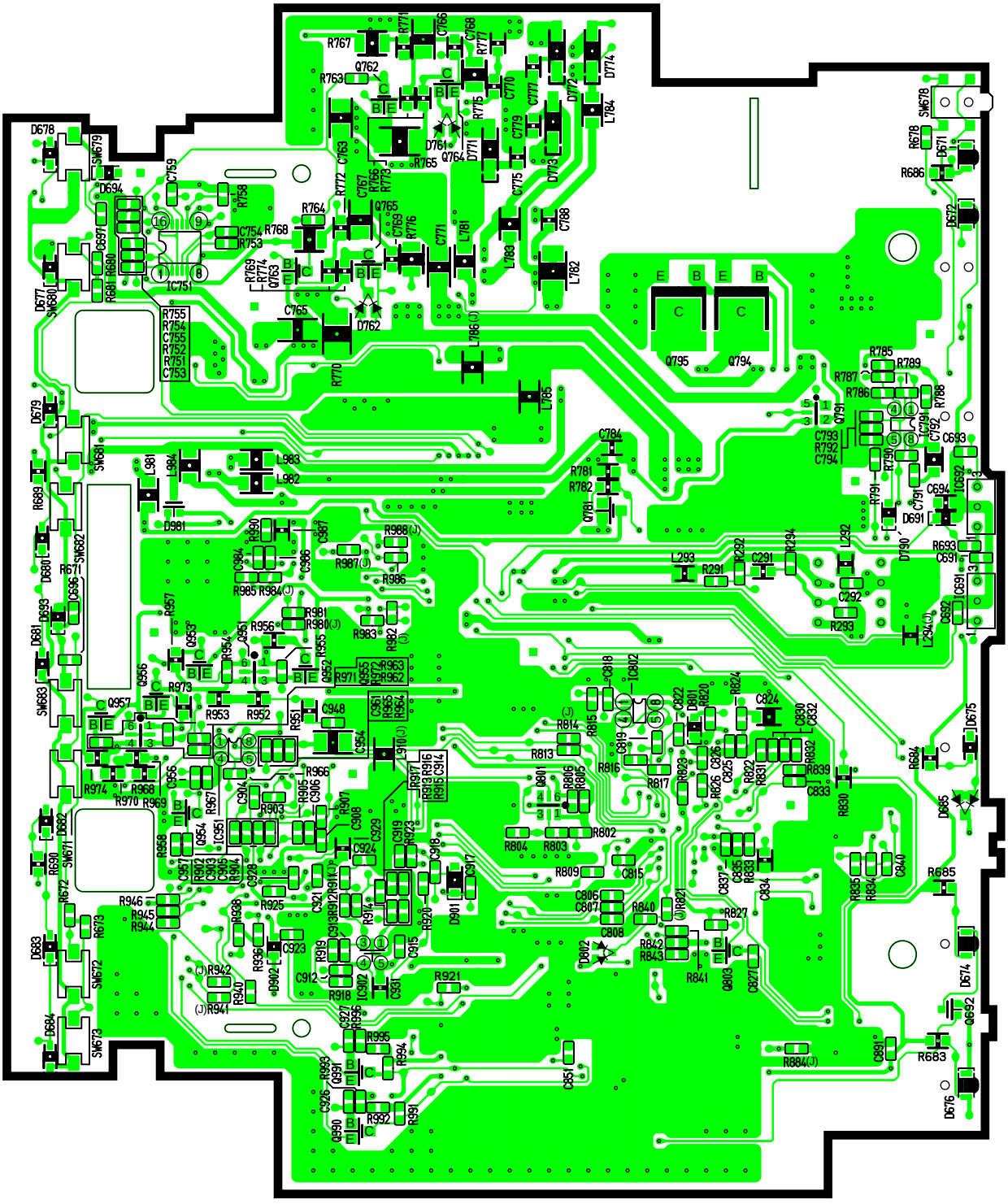
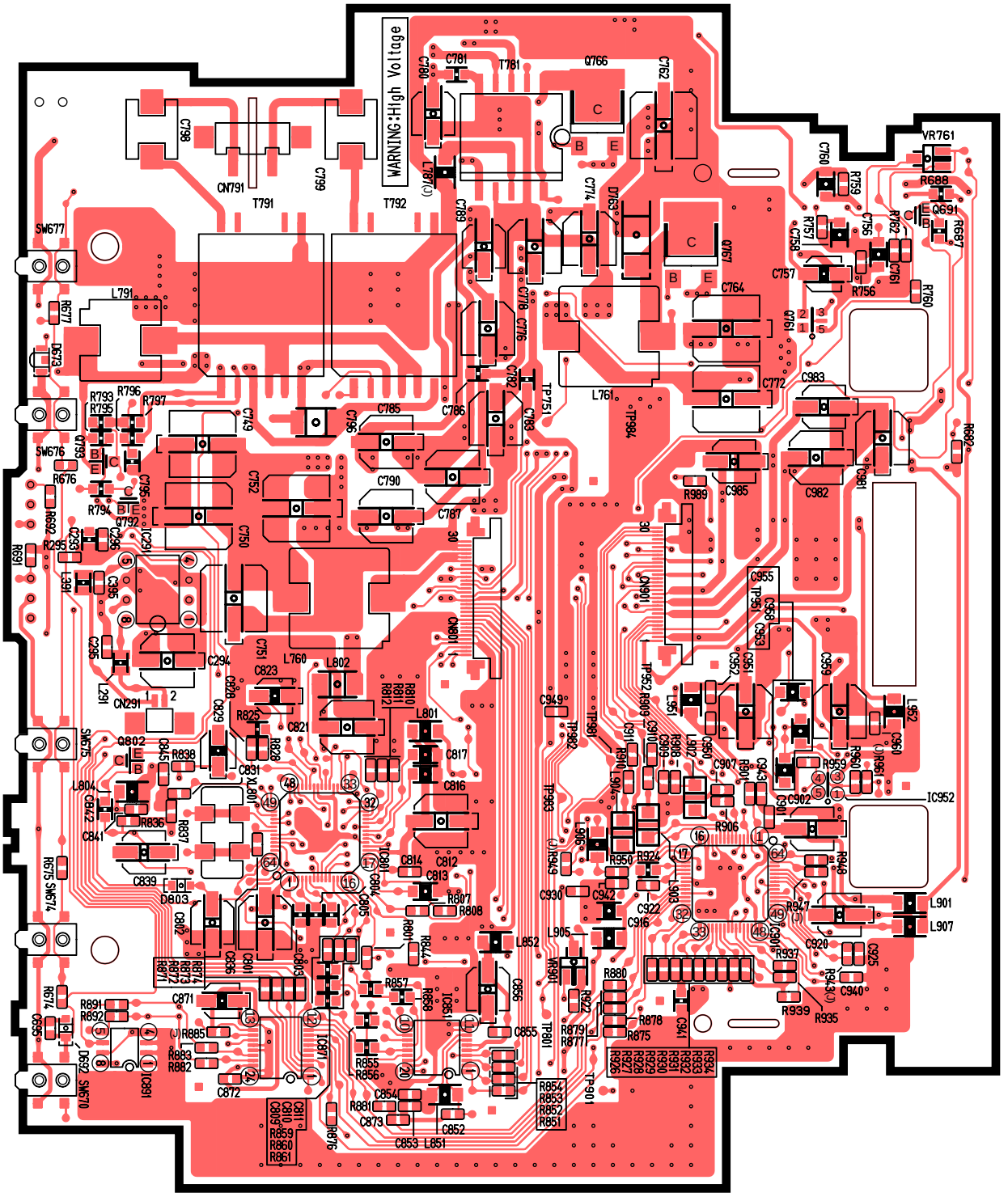
E-8712A

The following symbols are shown on the schematic diagram.

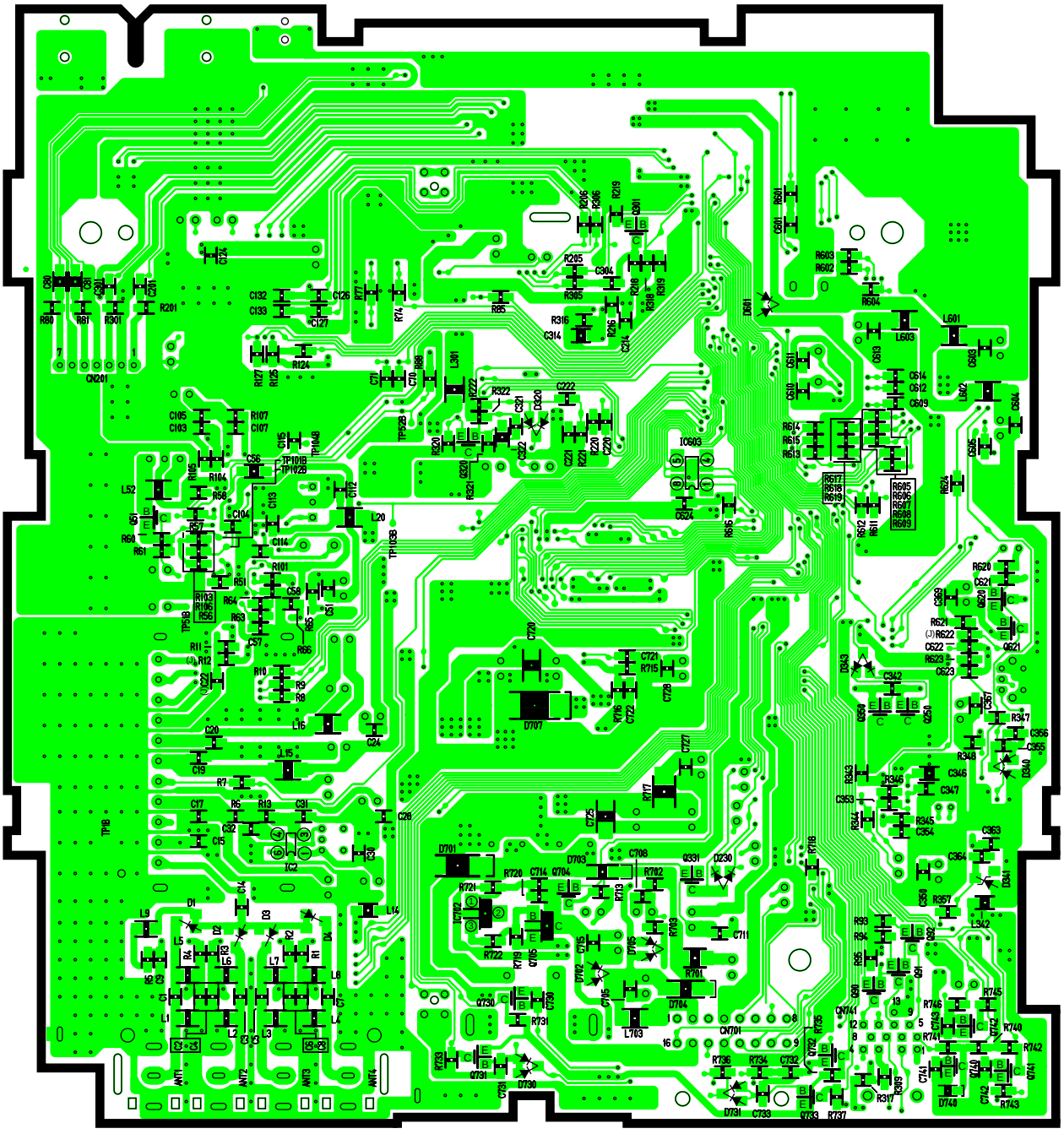
+B	
ACC	
30V	
9V	
8V	
5V	
TV PICTURE	
TV SOUND (L.R)	
VTR	
VTR SOUND (L.R)	
NAVI	
NAVI VOICE(L.R)	
VISUAL	
AUDIO (L.R)	



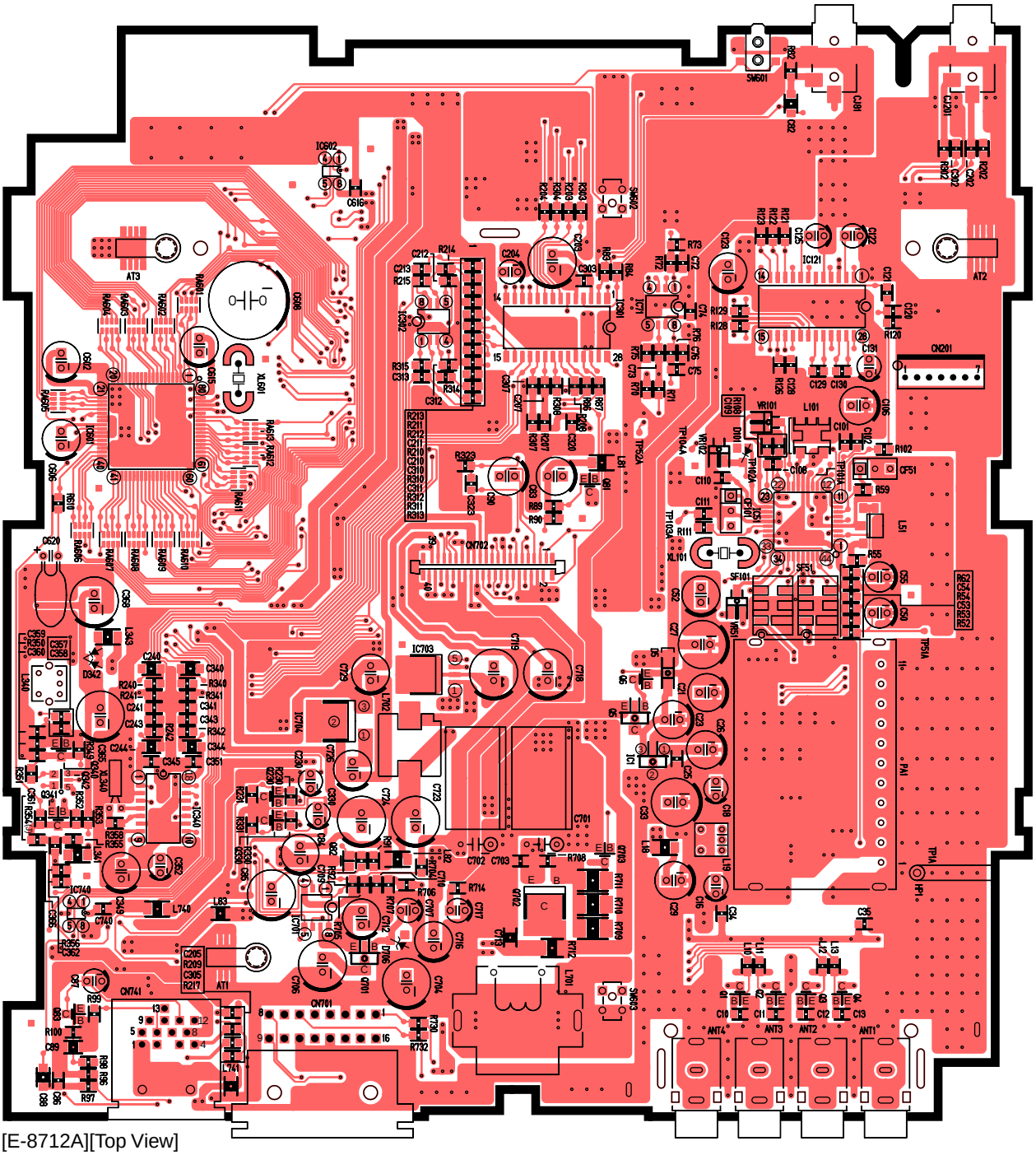
[E-8711B][Bottom View]



[E-8711B][Top View]



[E-8712A][Bottom View]



[E-8712A][Top View]

The following symbols are shown on the schematic diagram.

+B		-15V	
12V		NAVI	
8V		VISUAL	
5V		AUDIO (L.R)	
3.3V			

IC891 EEPROM

IC871 SERIAL DATA DECODER

IC801 VIDEO SIGNAL PROCESSOR

IC851 D/A CONVERTER

IC802 INVERTER

IC902 LOOP FILTER

IC901 TFT CONTROLLER

IC952 ZOOM SWITCH

IC951 VIDEO AMP

IC691 REMO SENS

IC692 DIMMER SENS

IC791 CONT

IC751 DC/DC CONTROL

IC291 AUDIO POWER AMP

TO LCD1

TO E-8712A CN702

CY-TV7000W